



南京久鼎制冷空调设备有限公司

Nanjing JIUDING Refrigeration & Air-conditioning Equipment Co.,Ltd.

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不断的改善
CONTINUOUS
IMPROVEMENT

全球第一台半封闭螺杆式复叠冷冻机制造商
First Manufacturer of Semi-closed Screw type Cascade chiller in the whole word

制冷系统、环境模拟、冰场、冷库等项目交钥匙工程建造商
Turn-key project builder for refrigeration system, environmental simulation, ice skating, cold storage, etc.

至2019年9月，在全球累计销售制冷机组数量突破10000台。
By September 2019, the total number of refrigeration units sold worldwide had exceeded 10,000.



研发
Research



设计
Design



制造
Manufacture



施工
Constructe



售后
After-sale service

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公司简介

COMPANY PROFILE

南京久鼎制冷空调设备有限公司是中国内地制冷及空气处理设备专业制造商，是集科、工、贸为一体的高科技企业，以创造怡心自然的生活空间和细微精致的生产环境为己任，致力于工、商、军等各行业中所需的制冷及空气处理设备的研发与生产。

公司目前生产的各类制冷空调设备技术成熟、性能先进、质量可靠，已有专利产品10余种，广泛应用于冶金、机械、石油、化工、钢铁、太阳能光伏、汽车、制药、电子、纺织、食品、航空航天等工业领域及医院、宾馆、办公楼、商场等商业场所。公司以“特色产品为特色行业服务”为发展战略，开发专业行业产品，走出一条新的发展之路。

- 制冷设备：不同类型的制冷机组，其中载冷剂型设备供液温度范围达-145℃~+32℃。
- 空调设备：不同类型的空气处理设备，提供恒温/恒湿/恒压的空气。
- 环境模拟：提供极限环境温度/湿度/压力的模拟，满足各类机动车、飞行器的静态/动态性能测试。
- 真冰滑冰场：不同面积的人工真冰滑冰场。
- 冷冻冷藏：不同类型的冷库专用制冷机组及冷风机。

久鼎制冷遵循“诚信、双赢”的经营宗旨和“以人为本、以法为纲、不断改进、永续经营”的管理之道。先进的科研、环保意识和优良的服务理念等种种元素，已融入了我们的组织及产品。我们将以优质的产品、良好的服务和诚实的信誉与广大客户共创美好明天！

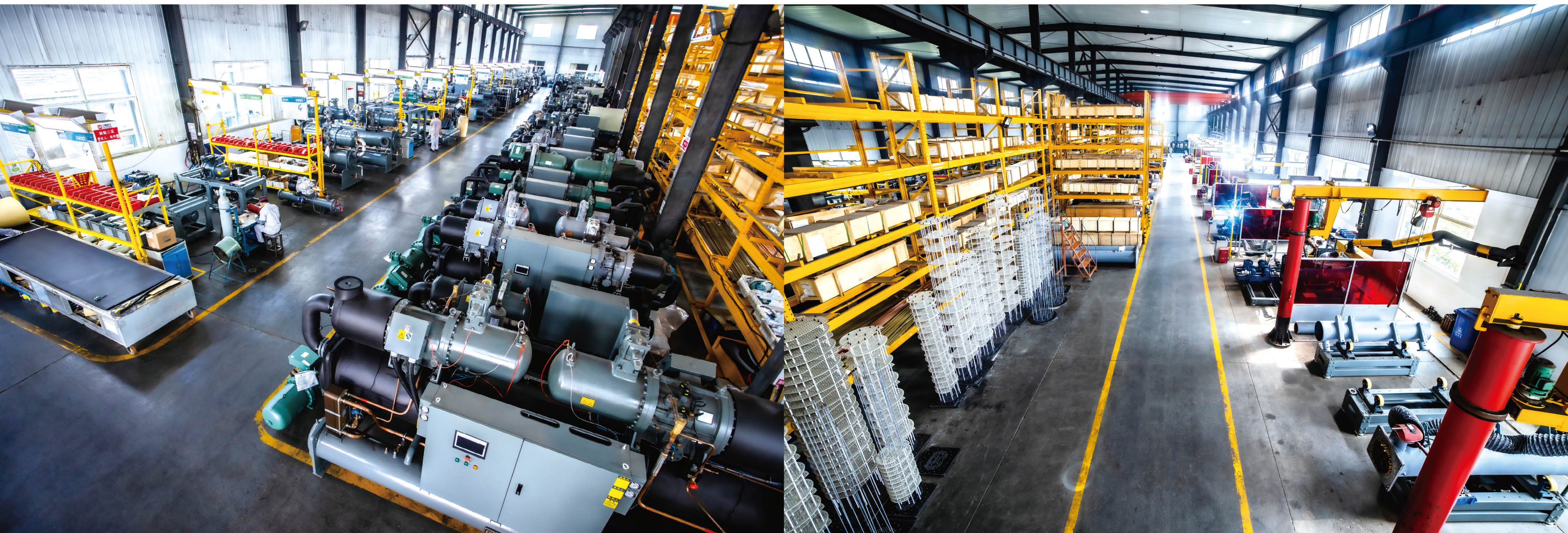
Nanjing JIUDING Refrigeration & Air-conditioning Equipment Co., Ltd is a professional manufacturer of Refrigeration Equipment and Air Handling Units in China. The company is a high-tech company integrating the technology, industry and trade, committed to create a joyful natural living space and a precise environment production. The company develops and manufactures refrigeration and air processing equipment for industrial, military and commercial sectors.

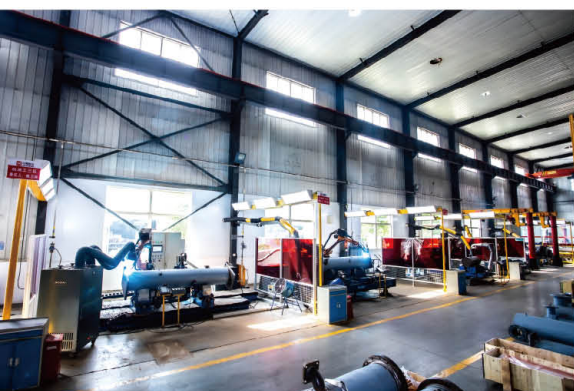
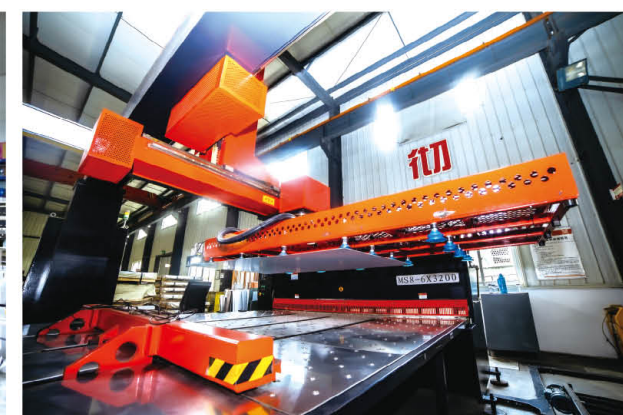
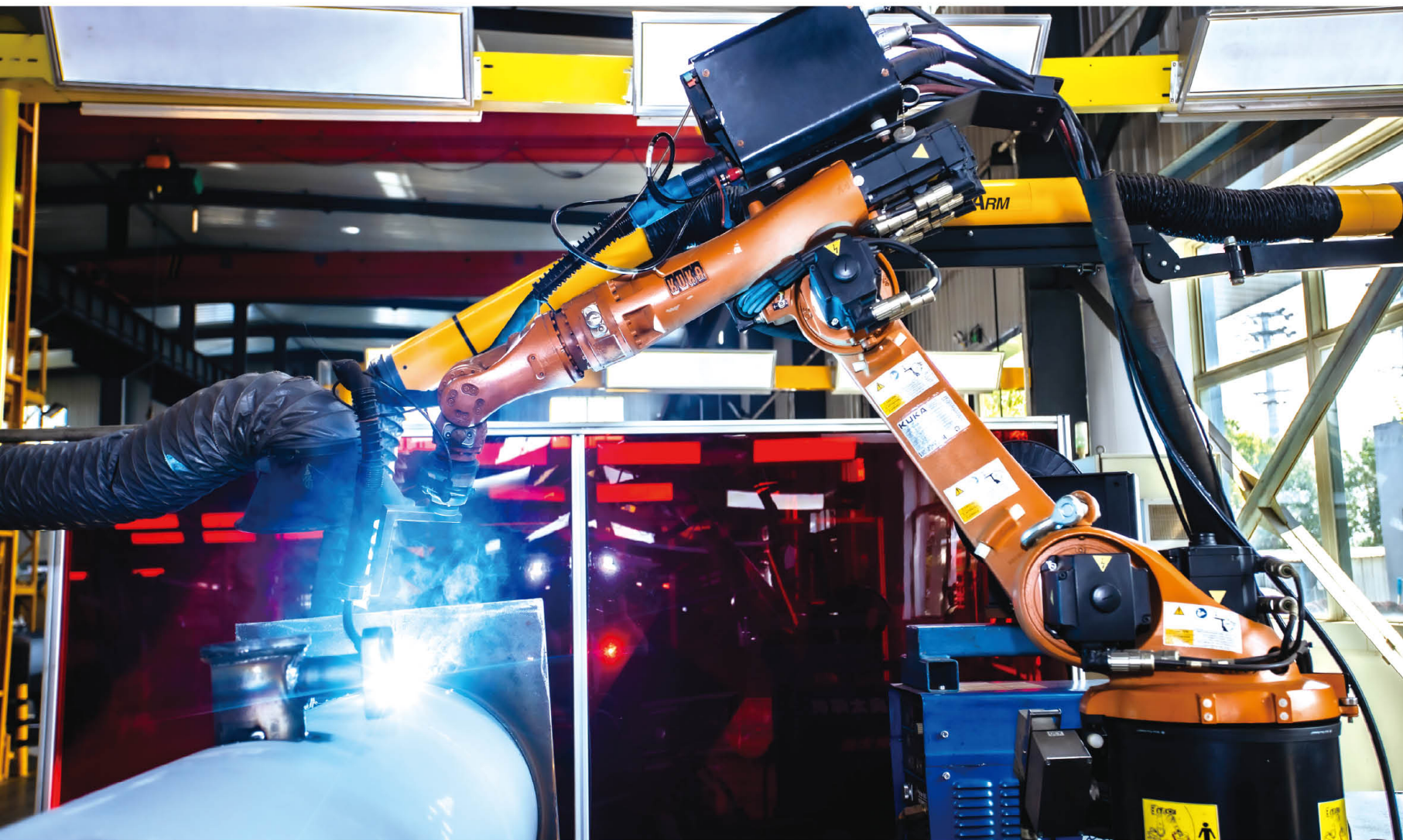
The company provides various high-quality and high-performance cooling and air-conditioning technologies, owning more than 10 patents. The products are widely used for metallurgy, machinery, petrol, chemistry, steel, solar PV, vehicle, pharmacy, electron, textile, food and other industries and business locations like hospitals, hotels, office buildings and shopping centers. Adhering to the strategy of “providing unique products to special industries”, the company develops specialty products and traces a new way of business development.

- Refrigeration Equipment: Different types of chiller, the fluid temperature range -145℃~+32℃.
- Air Handling Equipment: Different types of AHU, provide constant temperature/humidity / air pressure.
- Environmental Simulation: Simulate various types of climatic environment by Refrigeration and Air Handling Equipment.
- Skating Rink: The various types of skating rink.
- Frozen & cold storage: Different types of cold storage using dedicated chiller.

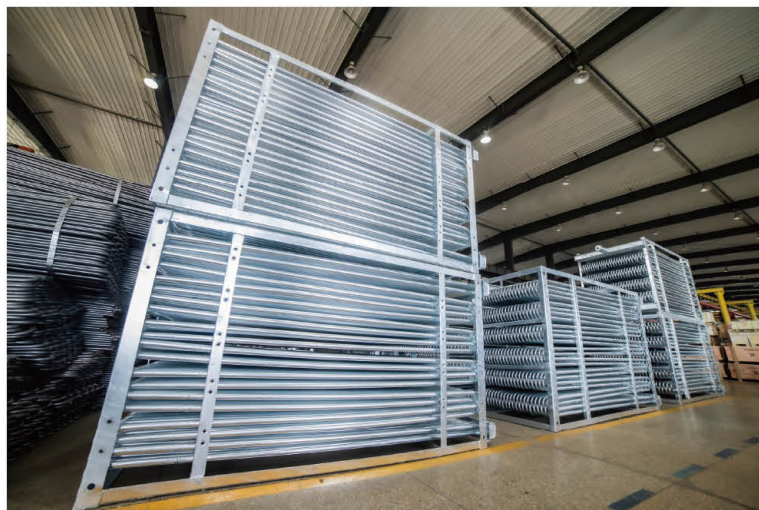
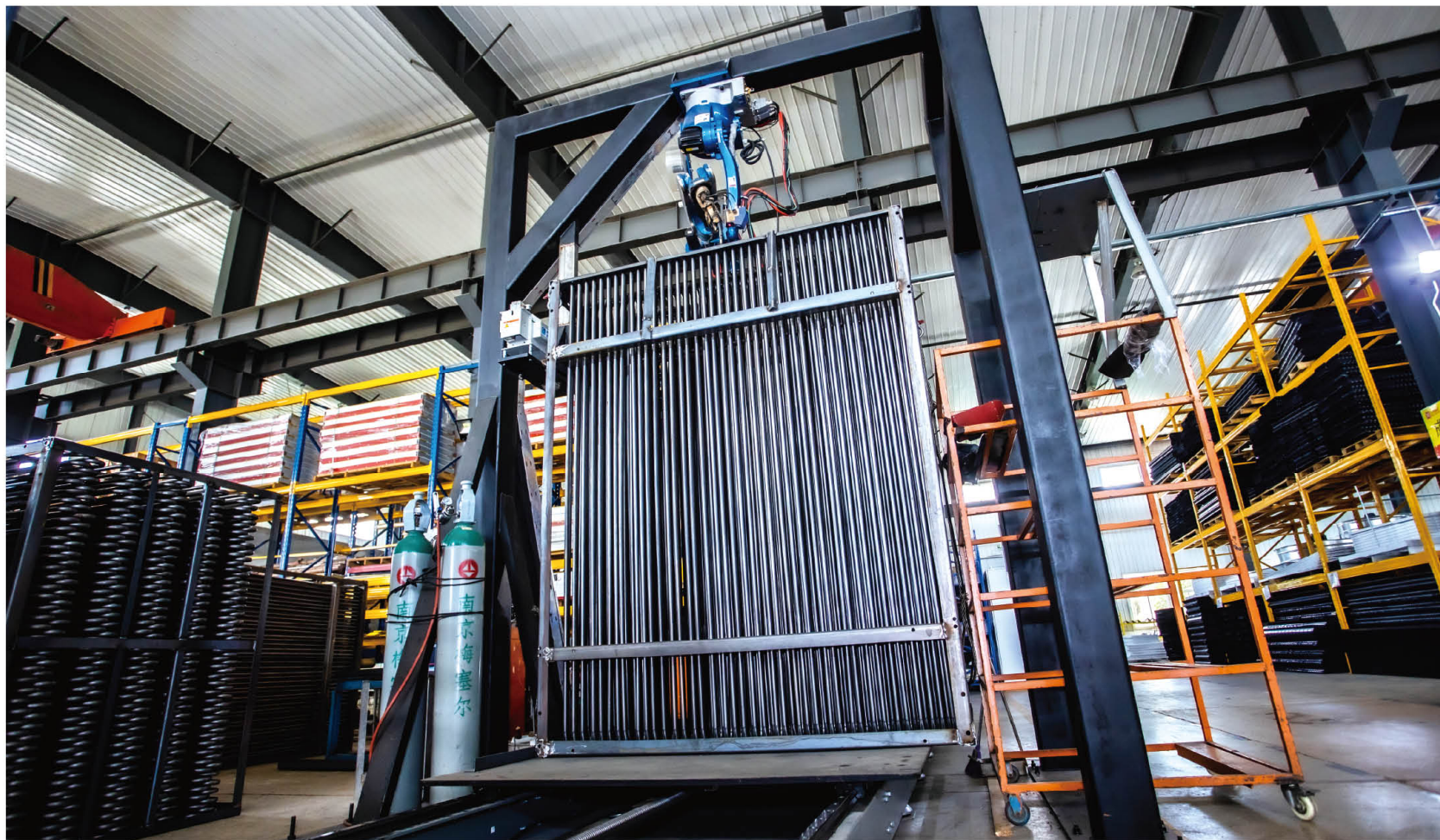
JIUDING adheres to the business purpose of “credibility, win-win cooperation” and the management principle of “people oriented, law guided, unceasing improvement, perpetual business”. Elements such as advanced science and research, awareness of environmental protection and the good service philosophy have been combined in our organization and products. we will create the bright future together with our clients by the high quality products, good service and the honest honor!

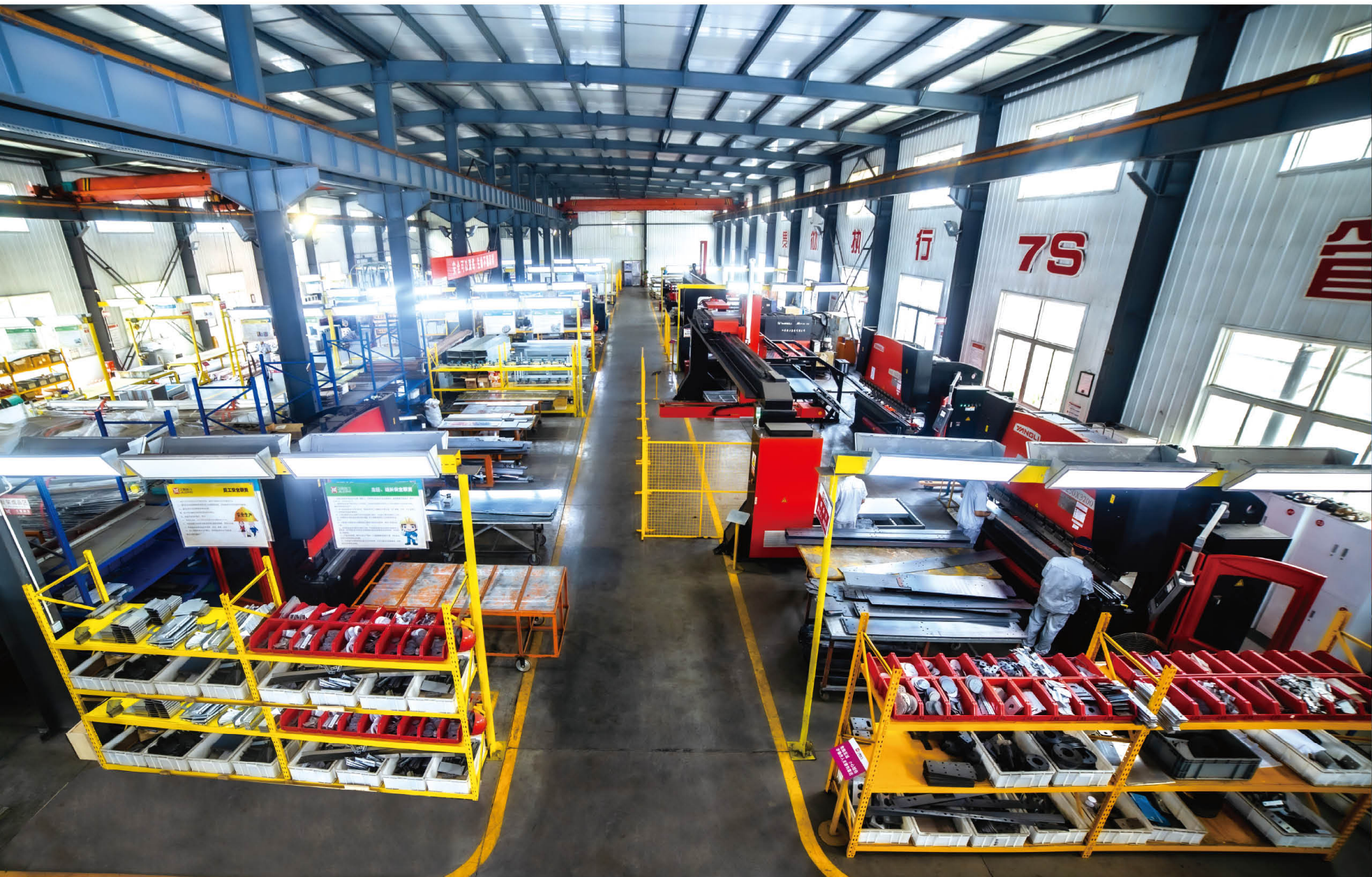


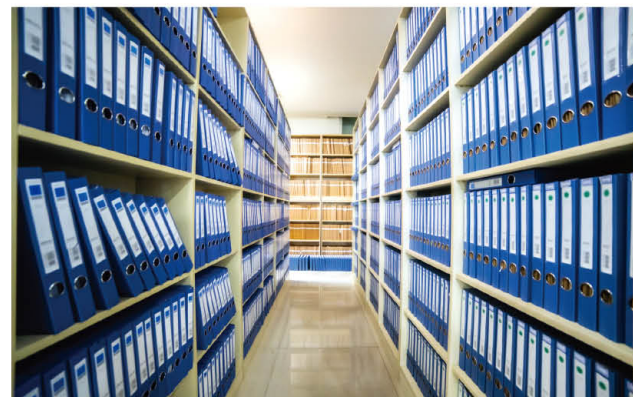


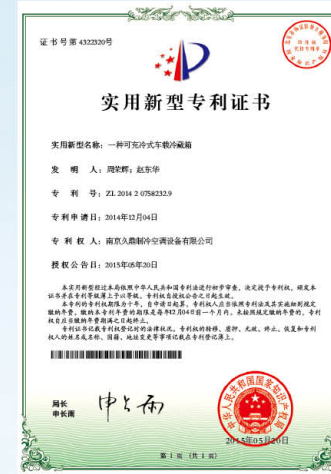
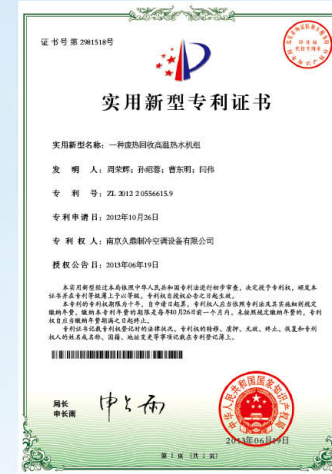
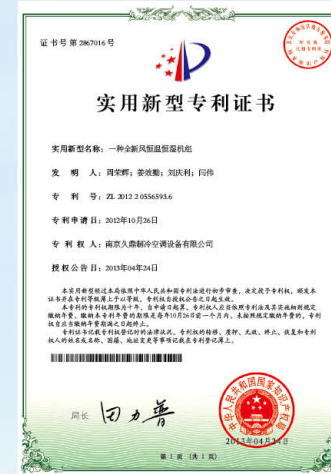
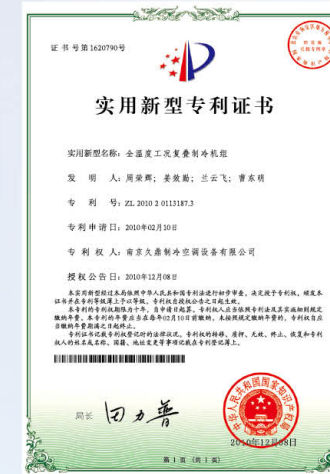
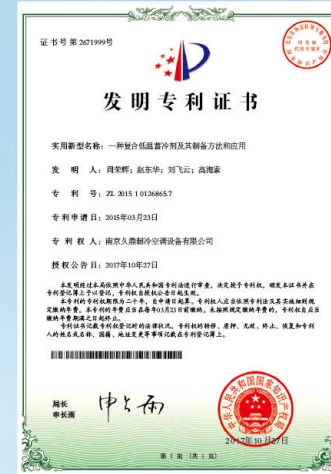
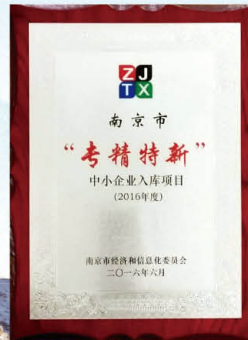
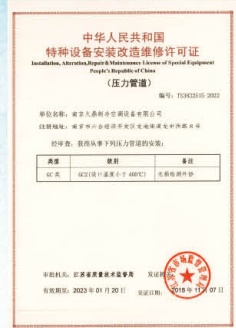












四大核心领域

始于客户的需求，终于客户的满意



◀ 软化水/净水专用高温冷水机组
High tempt chiller for soft water&pure water cooling
供液温度范围：10~32℃
制冷量：90~4179.9 kW
Supply liquid temperature range: 10~32℃
Refrigerating capacity: 90~4179.9 kW

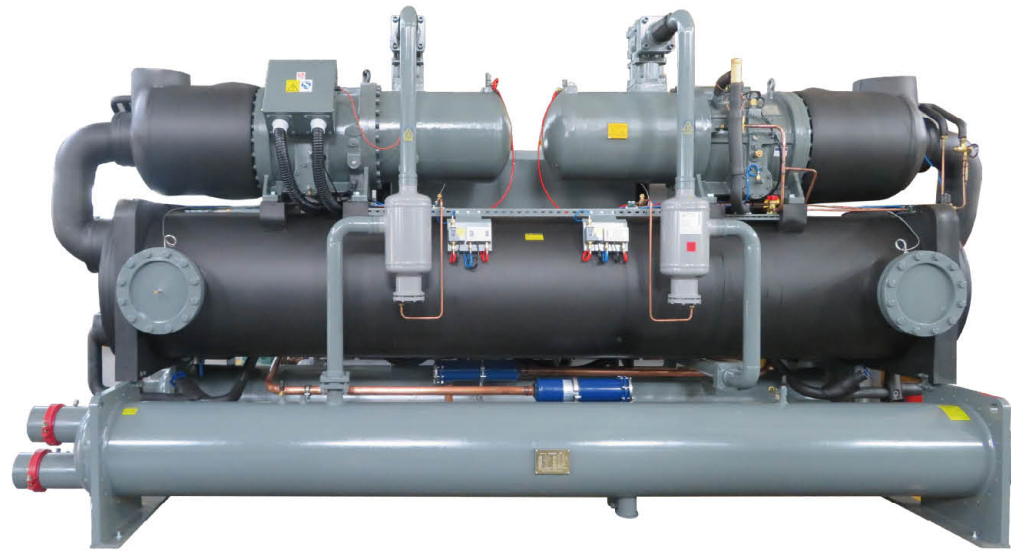
满液式螺杆冷水机组 ▶
Flooded type screw chiller
供液温度范围：5~15℃
制冷量：281~3536 kW
Supply liquid temperature range: 5~15℃
Refrigerating capacity: 281~3536 kW





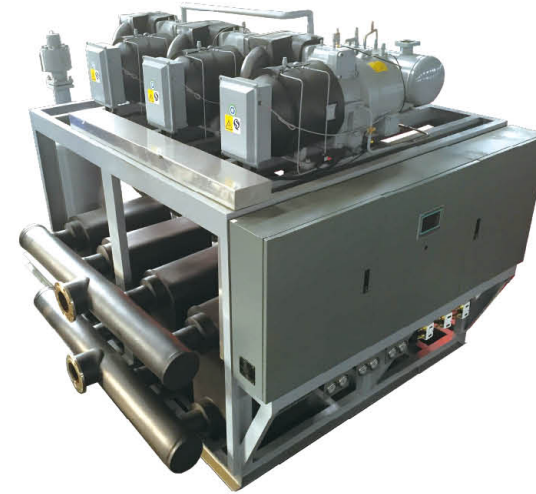
◀ 工业用螺杆冷水机组
Industrial screw chiller

供液温度范围：-7~9℃
制冷量：87.8~3622 kW
Supply liquid temperature range: -7~9℃
Refrigerating capacity: 87.8~3622 kW



中低温螺杆冷水机组 ▶
Medium/low temperature chiller

供液温度范围：-9 ~ -37℃
制冷量：51.8~2238.8 kW
Supply liquid temperature range: -9 ~ -37℃
Refrigerating capacity: 51.8~2238.8 kW



◀ 低温制冷机组

Low temperature chiller

供液温度范围：-30 ~ -45 ℃，制冷量：42.0~778.4 kW
Supply liquid temperature range: -30 ~ -45 ℃
Refrigerating capacity: 42.0~778.4 kW

低温/超低温制冷机组 ▶

Low temperature/ultralow temperature refrigeration unit

活塞双级压缩低温机组

Piston two-stage compression low temperature unit
供液温度范围：-30 ~ -60 ℃，制冷量：8.52~18.79 kW
Supply liquid temperature range: -30 ~ -60℃
Refrigerating capacity: 8.52~18.79 kW

螺杆双级压缩低温机组

Screw two-stage compression low temperature unit
供液温度范围：-30~-55 ℃ 制冷量：52~169 kW
Supply liquid temperature range: -30 ~ -55 ℃
Refrigerating capacity: 52~169 kW

低温级活塞式复叠机组

Low temperature grade piston type cascade unit
供液温度范围：-35 ~ -60 ℃，制冷量：16.5~68.4 kW
Supply liquid temperature range: -35 ~ -60℃ Refrigerating capacity: 16.5~68.4kW

低温级螺杆式复叠机组

Low temperature grade screw type cascade unit
供液温度范围：-35 ~ -85℃ 制冷量：65.2~546 kW
Supply liquid temperature range: -35 ~ -85℃
Refrigerating capacity: 65.2~546 kW

低温级双级活塞式复叠机组

Low temperature grade two-diameter piston type cascade unit
供液温度范围：-60~-85℃，制冷量：10.29~23.8 kW
Supply liquid temperature range: -60 ~ -85℃
Refrigerating capacity: 10.29~23.8 kW

三级复叠超低温机组

Three-stage cascade ultralow temperature unit
供液温度范围：-90 ~ -140℃，制冷量8.8~73.8 kW
Supply liquid temperature range: -90 ~ -140℃ Refrigerating capacity: 8.8~73.8 kW





◀ 蒸发冷式常温螺杆冷水机组
Evaporative condensing type normal temperature screw chiller

供液温度范围：-7~7 °C
制冷量：92.3~3797.6 kW
Supply liquid temperature range: -7~7 °C
Refrigerating capacity: 92.3~3797.6 kW



◀ 风冷螺杆冷(热)水机组
Air cooled screw (heat-pump) chiller

供液温度范围：0~10 °C
制冷量：66~354.5 kW
Supply liquid temperature range 0~10°C
Refrigerating capacity: 66~354.5 kW

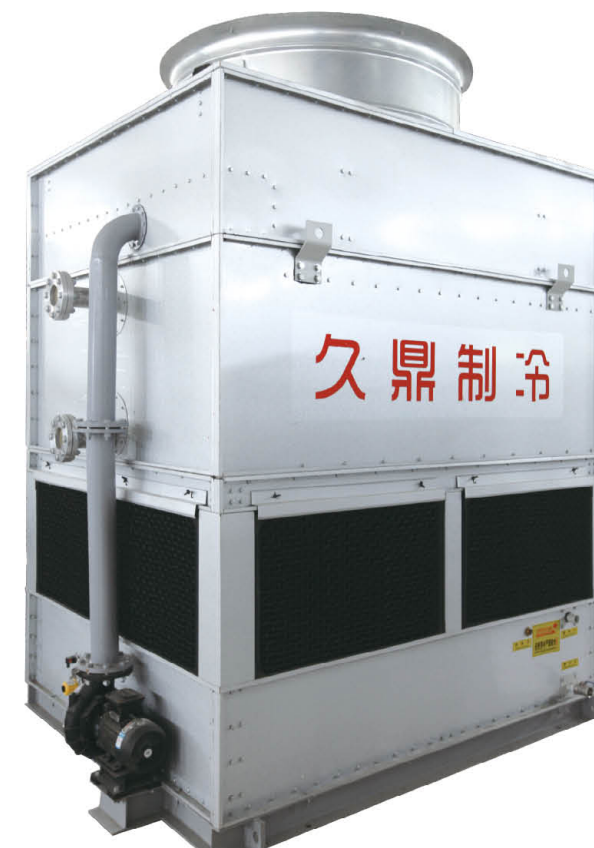


蒸发冷式中低温螺杆冷水机组 ▶
Evaporative condensing type medium/low temperature screw chiller

供液温度：-7 ~ -37 °C
制冷量：53.5 ~ 1962.6 kW
Supply liquid temperature: -7 ~ -37 °C
Refrigerating capacity: 53.5 ~ 1962.6 kW

蒸发式冷凝器 ▶
Evaporative condenser

机组排热量：130 ~ 3000 kW
Discharge heat capacity :130 ~ 3000 kW





◀ 一体化冷水机组
Integrated chiller

常温系列：
供液温度范围：0~10℃；制冷量范围：69~1723.2 kW
中低温系列：
供液温度范围：-5 ~ -40℃；制冷量范围：27.4~980 kW
Normal temperature:supply liquid temperature range 0~10℃
Refrigerating capacity: 69~1723.2 kW
Medium/low temperature:supply liquid temperature range -5 ~ -40℃
Refrigerating capacity: 27.4~980 kW

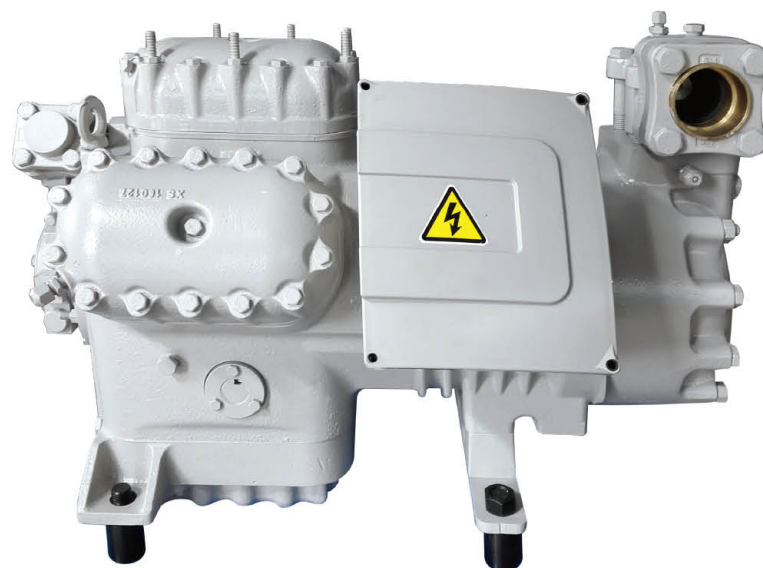


◀ 半封闭活塞式压缩冷凝机组
Semi-hermetic reciprocating condensing unit

蒸发温度：7 ~ -50 ℃
制冷量：8 ~ 490.0 kW
Evaporating temperature: 7 ~ -50 ℃
Refrigerating capacity: 8 ~ 490.0 kW

半封闭活塞式压缩机 ▶
Semi-hermetic piston type compressor

中低温：7 ~ 40 HP
Medium/low temperature: 7 ~ 40 HP
高温：10 ~ 50 HP
High temperature: 10 ~ 50 HP
双级：20 ~ 30 HP
Two stage: 20 ~ 30 HP



冷风机 Unit Cooler ▶

制冷量：4.3 ~ 57.7 kW
Refrigerating capacity: 4.3 ~ 57.7 kW



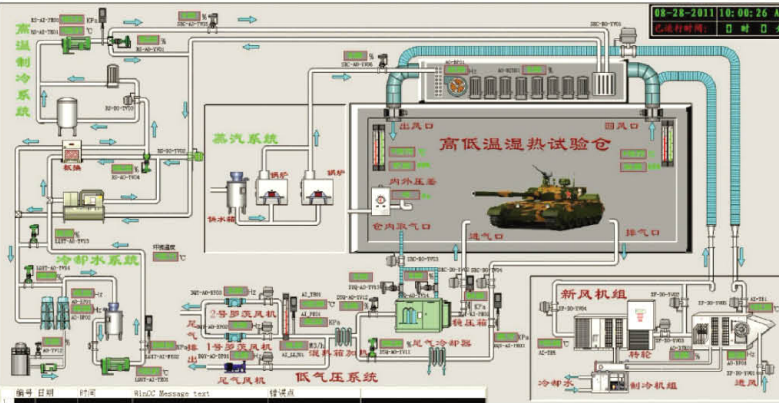
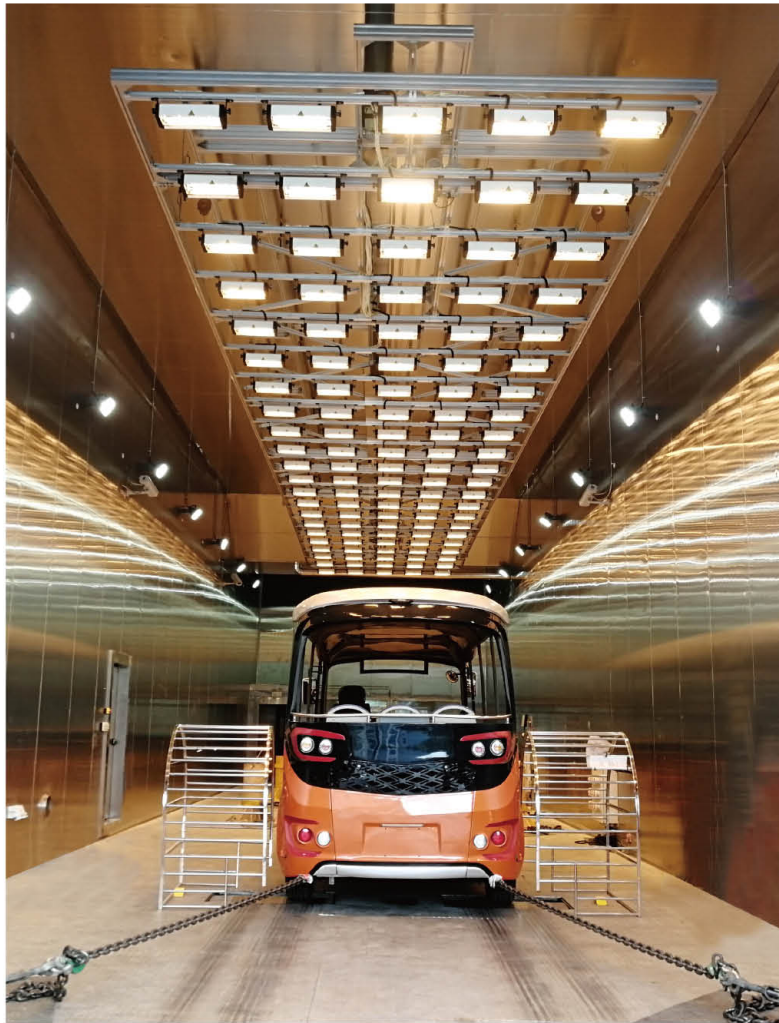
气候环境仓 Climatic Environmental Chamber

模拟项目:

- 高温、低温，或冷热交变的温度环境
- 高湿、低湿，或冷热交变的湿度环境
- 全光谱日照模拟 ■ 红外日照模拟 ■ 淋雨模拟 ■ 冻雨模拟
- 雾模拟 ■ 降雪模拟 ■ 盐雾模拟 ■ 砂尘模拟
- 风速模拟 ■ 气压模拟

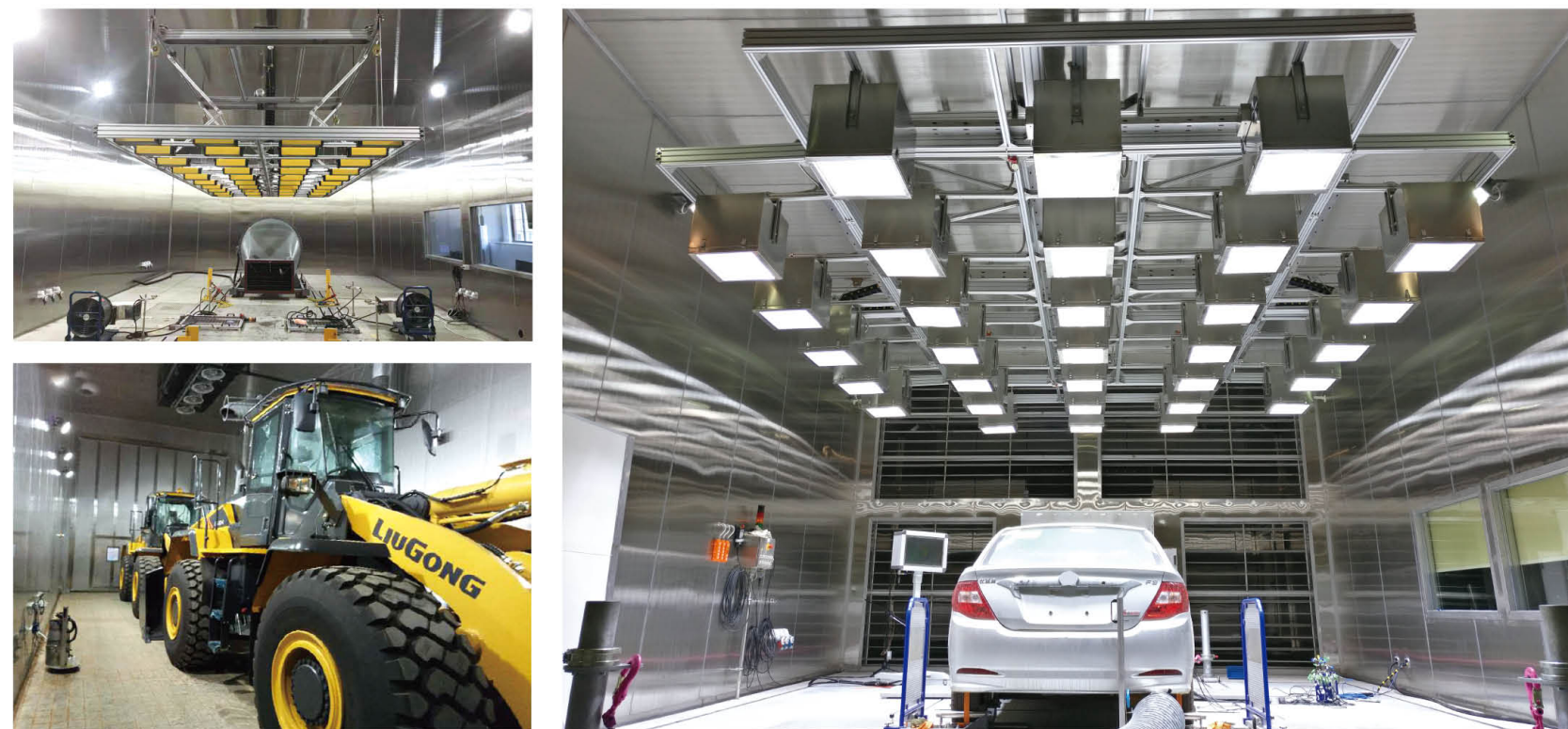
Simulated conditions:

- High temperature, Low temperature, or cycling test
- High humidity, Low humidity, or cycling test
- Solar simulation ■ IR simulation ■ Rain simulation ■ Sleet simulation
- Fog simulation ■ Snow simulation ■ Salt fog simulation ■ Dust simulation
- Wind speed simulation ■ Atmospheric pressure simulation



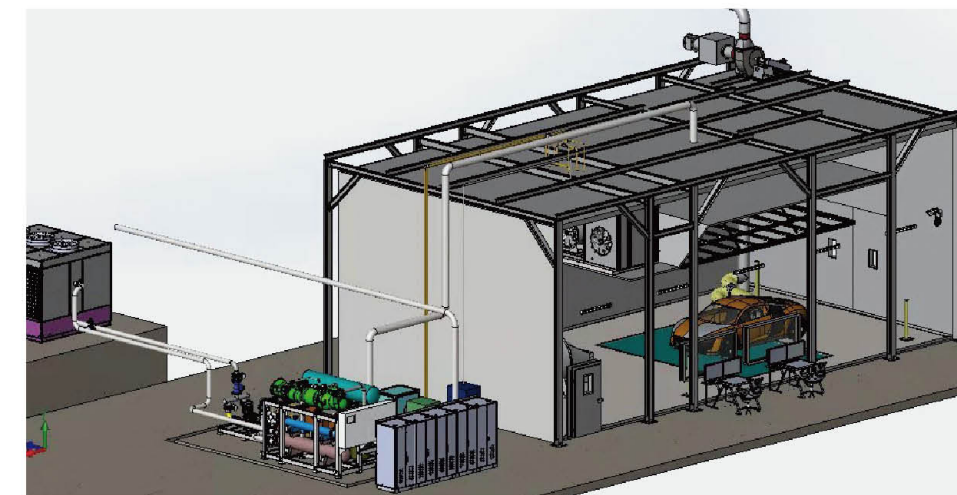
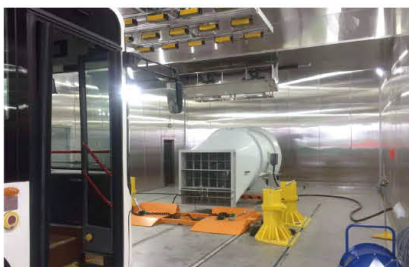
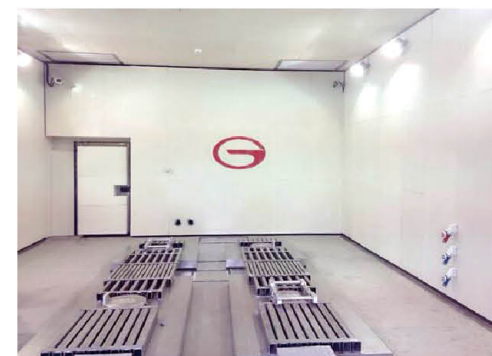
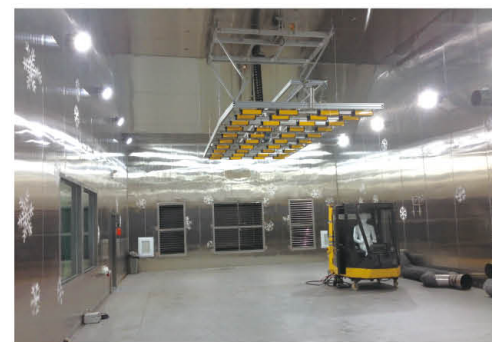
全球最大全机气候试验室 The World's largest Full-aircraft Climatic Chamber





汽车测试环境模拟系统 Vehicle Test Environmental Simulation System

- 试验对象：乘用车、商用车、工程机械、新能源、火车、地铁等各种车辆
- 试验内容：排放、性能、冷启动、除霜除雾、空调采暖/降温、NVH 噪声、振动等
- 模拟内容：温度、湿度、气压、风、霜、雨、雪、光、雾、沙尘等
- 试验室名称：综合试验仓、海拔试验仓、风洞试验室等
- Specimen type: Passengercars, Commercial vehicles, Engineering machinery, New energy, Trains, Subways and all kinds of vehicle.etc
- Test Content: Emission, Performance, Cold start, Defrost and demist, High temperature performance, Air conditioning heating/cooling, Noise (NVH),Crash,Vibration, and the VOC testing, etc
- Simulated content: Temperature, Humidity, Pressure,Quality of air, Wind, Frost, Rain, Snow, Light,Fog, Sand dust ,etc
- Chamber type: comprehensive test chamber, altitude test chamber, wind tunnel, etc

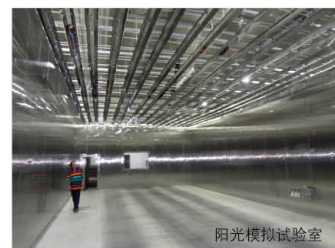
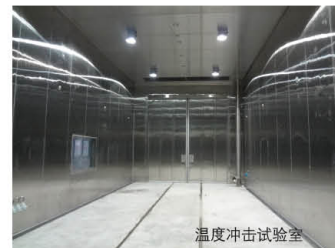
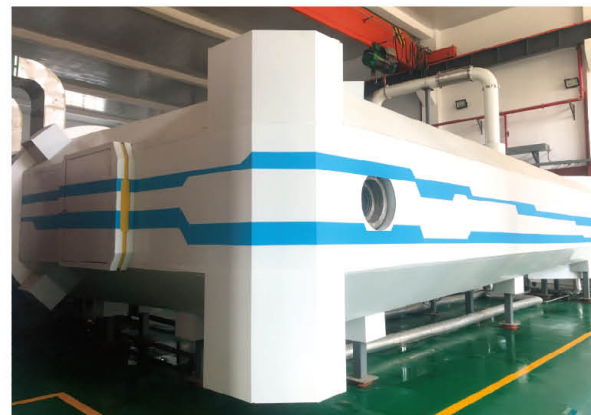




国防军工测试环境模拟系统

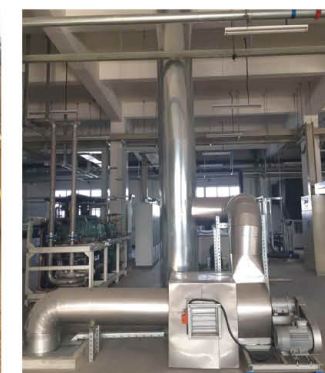
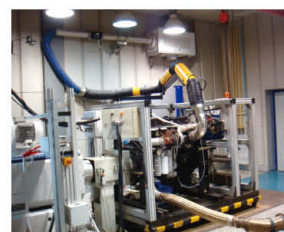
Defense Military Industry Test Environmental Simulation System

- 试验对象：装甲车、军用工程车、坦克、弹药等军用装备
- 试验内容：高温、低温、温度冲击、太阳辐射、淋雨、湿热、气压、积冰冻雨、盐雾、沙尘、振动等
- 模拟内容：温度、湿度、气压、风、霜、雨、雪、光、雾、沙尘等
- Specimen type: Armored vehicles, Military truck, Tank, Ammunition and other military equipment, etc
- Test content: high temperature, low temperature, temperature impact, solar radiation, rain, damp heat, atmospheric pressure, ice accretion and freezing rain, salt fog, sand and dust, vibration testing, etc
- Simulated content: Temperature, Humidity, Air pressure, Air quality simulation, Wind, Frost, Rain, Snow, Light, Fog, Sand dust, etc



发动机试验环境模拟系统 Engine Test Environmental Simulation System

- 为提升各类车用发动机、工程机械用发动机、船用发动机、飞机发动机、通机等性能及安全，需进行各类测试，包含但不限于：排放试验、性能试验、耐久试验、低温冷启动、NVH 噪声试验、振动试验等
- 我们为满足发动机试验所提供的全室空调系统、进气空调系统、尾气处理系统，包含对温度、湿度、气压、空气质量等的处理，还可提供循环冷冻水、循环冷却水、冷热冲击等水系统
- 以上项目均为交钥匙工程，包括设备、控制等各系统的制造、安装及整体调试等
- In order to improve the performance and security of automotive engine, engineering machinery engine, Marine engine, aircraft engines, etc, it will need multiple kinds of testing, at least including: emission testing, performance testing, endurance testing, start at low temperature testing, and noise (NVH) testing, vibration testing, etc
- The environmental simulation system we provided for engine testing, include Environmental Air Conditioning System, Combustion Air System, Exhaust system, could process the temperature, humidity, pressure and quality of air, and also provide the Circulating Water System of chilled water, cooling water, thermal shock water, etc
- All Turn-key projects include the manufacture, installation, commissioning of equipment and control system



大型恒压循环水系统 Large-scale Constant Pressure Circulating Water System

- 试验对象：水的温度、压力、流量、水质等
 - 试验内容：获得高/低温、恒/变流量、恒压的循环水（水温最低可达-145℃）
 - 模拟内容：各类试验环境模拟系统，如多个发动机试验室的集中循环水系统、空调系统的温度控制等
- Specimen type : Temperature, Pressure, Flow rate of water, Water quality, etc
 - Test Content: Provide the constant pressure circulating water with high/low temperature, constant/variable flow. (The lowest temperature can reach to -145℃)
 - Simulated content: All kinds of test environmental simulation system, such as the centralized circulating water system for multiple engine test bench, or the temperature control of air conditioning system, etc



部分客户 Some of our customers



冷冻冷藏 Frozen&Cold storage



■ 应用范围 Application fields

各类冷链物流、肉类屠宰及食品加工、果蔬储存及深加工、医药化工、氨库改造等。

All kinds of cold chain logistics, meat slaughtering and food processing, fruit and vegetable storage and deep processing, pharmaceutical and chemical industry, ammonia depot transformation

■ 冷库特点 Cold storage features

从成熟的库体选型配套方案设计，专业的设备制造，创新的系统集成技术设计，节能的系统管控技术设计方面，提供一体化解决方案

Provide an integrated solution from the aspects of Mature scheme design of cold storage selection and matching., professional equipment manufacturing, innovative system integration technology design, energy-saving system management and control technology design.

安全稳定，可靠运行 Safety and Stability, Reliable operation

低温冷链物流 Low temperature logistics

■ 物流冷库功能由传统冷库的“低温仓储”型向“流通型”、“冷链物流配送”型转变，其设施按照低温配送中心的使用要求进行建造，注重环保和节能要求。

■ 建筑地点：交通方便，水、电供应来源可靠

■ 功能：流通，冷链物流配送

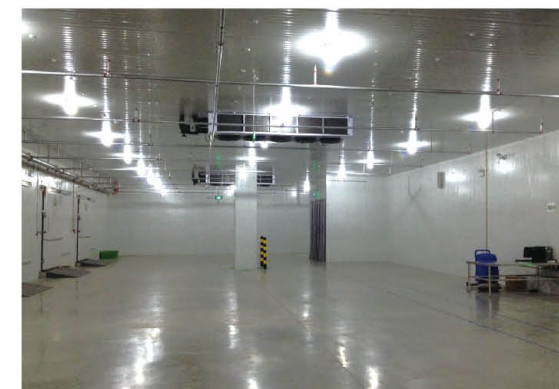
■ 冷藏间温度：-25 ~ 2℃

■ The function of logistics cold storage has changed from traditional "low temperature storage" to "circulation" and "cold chain logistics distribution". Its facilities are built according to the use requirements of low temperature distribution centers, paying more attention to environmental protection and energy saving.

■ Construction site: convenient transportation, stable and reliable source of water and electricity supply

■ Function: Circulation, Cold Chain Logistics Distribution

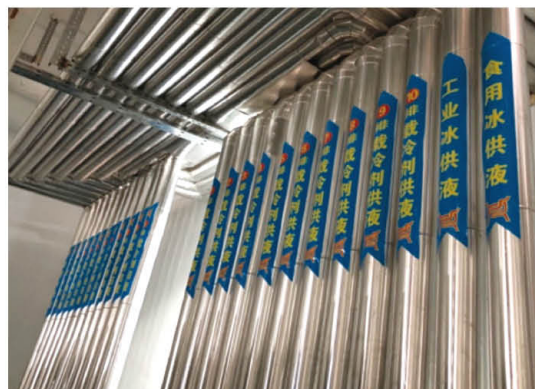
■ Temperature range of cold storage room: -25~2℃





速冻冷藏 Frozen&Cold storage

- 速冻库温度：-35~-15℃，主要用于食品、药品、化工原料的快速冷却。
- 冻藏库：-25~-18，主要用于对食品、冷冻肉、冻水产、冻海鲜、禽类等的低温冷藏。
- Temperature range of quick freezing storage: - 35 ~ 15℃. It is mainly used for quick cooling of food, medicine and chemical raw materials.
- Temperature range of Refrigeration Storage: - 25 ~ 18℃, mainly used for food, frozen meat, frozen aquatic products, frozen seafood, poultry and other low-temperature refrigeration



果蔬气调保鲜 The storage and processing of fruits and vegetables

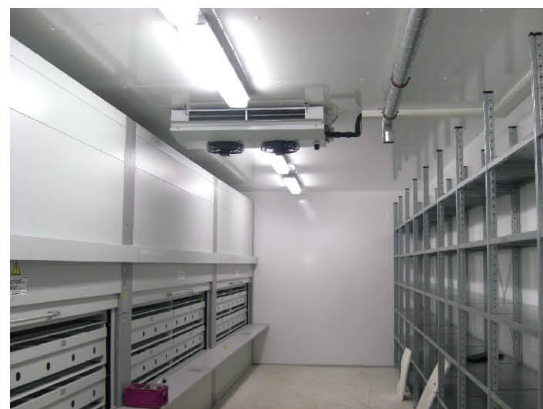
- 气调库又称气调贮藏是当今最先进的果蔬保鲜贮藏方法。它是在冷藏的基础上，增加气体成分调节，通过对贮藏环境中温度、湿度、二氧化碳、氧气浓度和乙烯浓度等条件的控制，抑制果蔬呼吸作用，延缓其新陈代谢过程，更好地保持果蔬新鲜度和商品性，延长果蔬贮藏期和保鲜期。

Controlled atmosphere storage is the latest fresh-keeping storage method for fruits and vegetables. On the basis of refrigeration, it increases the regulation of gas composition. By controlling the temperature, humidity, carbon dioxide, oxygen concentration and ethylene concentration in the storage environment, it inhibits the respiration of fruits and vegetables, delays their metabolic process, better maintains the freshness and commerciality of fruits and vegetables, and prolongs the storage and preservation period of fruits and vegetables.

生物制药 Biological pharmacy

- 医药冷库：-5℃~8℃，主要冷藏存储在常温条件下无法保质的各类医药产品，使药品不变质失效，延长药品的保质期；
- 疫苗库：0℃~8℃ 可用于储存疫苗，药剂等。
- 药品库：2℃~8℃ 用于储存药品及生物制品等。
- 血液储存库：5℃~1℃ 可用于储存血液，药物生物制品等。
- 低温保温库：-20℃~-30℃ 保存血浆，生物材料，疫苗，试剂等。
- 超低温保存库：-30℃~-80℃ 可用于保存胎盘，精液，干细胞，血浆，骨髓，生物样品等。

- Pharmaceutical cold storage: -5℃~8℃, mainly stored all kinds of pharmaceutical products which can not guarantee the quality in the normal temperature conditions , so that drugs do not deteriorate and invalidate, prolong the shelf life of drugs;
- Vaccine cold storage: 0℃~8℃, can be used to store vaccines, pharmaceuticals, etc.
- Medicines cold Storage: 2℃~8℃, can be used to store medicines, biological products, etc.
- Blood cold Storage: -1℃~5℃, can be used to store blood, pharmaceutical biological products, etc.
- Low temperature storage: -30℃~-20℃, can be used to preserve plasma, biomaterials, vaccines, reagents, etc.
- Ultra-low temperature storage: -80℃~-30℃, can be used to preserve placenta, still night, stem cells, plasma, bone marrow, biological samples, etc.



氨库改造 Renovation of cold storage with Ammonia Refrigeration System

氨改氟制冷系统是采用载冷剂间接制冷的，不会发生制冷剂泄漏等问题，制冷系统不容易出现故障，只需要定期保养即可，节省了维修费用。

- 保留原有排管及制冷管道
- 增加冷冻泵等载冷剂系统
- 更换主机，智能控制
- 施工周期短，成本低

The Ammonia-to-fluorine refrigeration system uses refrigerant as indirect refrigerant, so there will be no leakage of refrigerant. The refrigeration system is not easy to break down. It only needs regular maintenance, which saves maintenance costs.

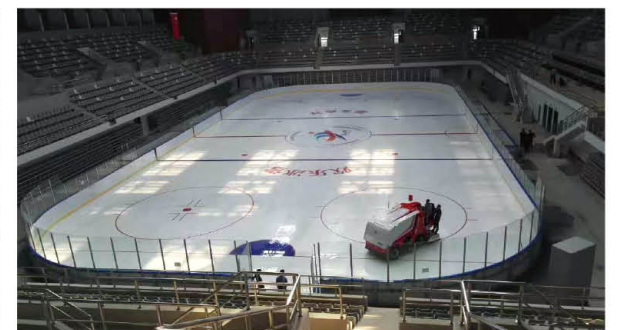
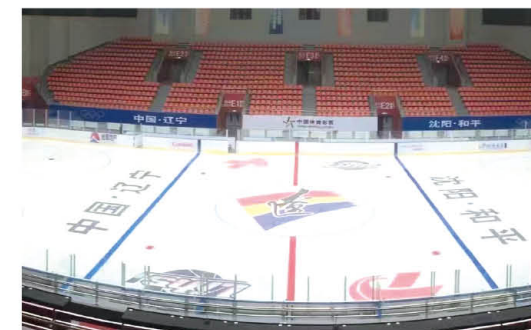
- Retain original piping and refrigeration piping
- Add second refrigerant system with chilled pump
- Replace the Host ,provide Intelligent Control
- Short construction period and low cost

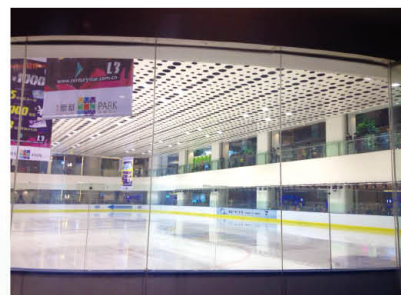
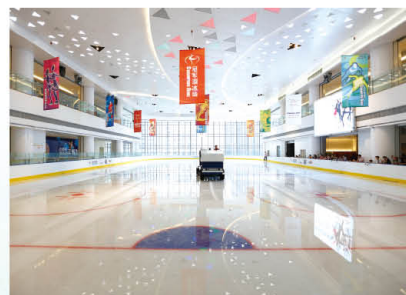
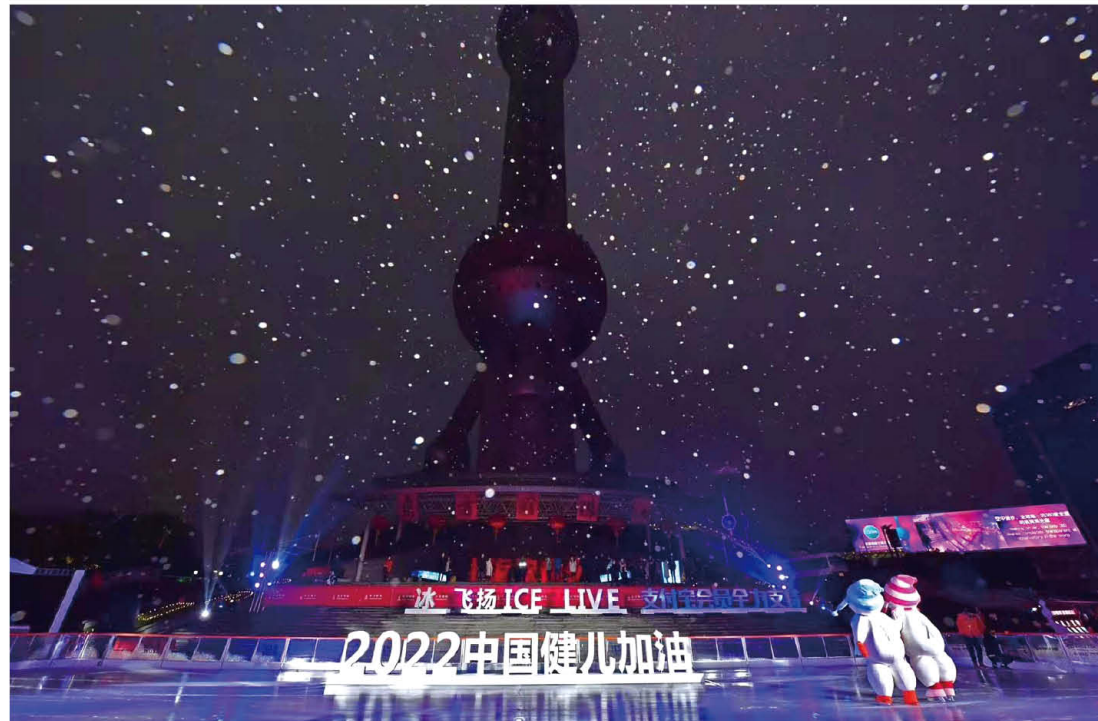


部分客户 Clients



■ 专业制造室内外真冰滑冰场，提供完善的工程设计、设备制造、项目管理、服务支持。
Specialized in manufacturing indoor/outdoor skating rink, providing project design, equipment manufacturing, project management, and service support.





1 水泥砂浆基础找平层：对客户土建基础条件进行找平修整。



2 柔性防水层：双层，确保冰场的密封性。



5 承压层：钢筋扎成200×200mm双向钢筋承压网，确保了冰场抗压强度。



4 滑动层：双层，减少热胀冷缩对上下功能层的破坏，同时兼具防水功能。



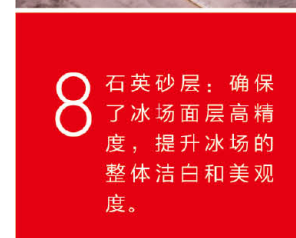
3 冰场保温层：确保保温效果及地面强度。



6 管卡支架排列：确保排管安装间距及水平度误差不超标。



7 排管施工：采用特制管件连接保证排管尺寸一致，同时不出现扁管现象。



8 石英砂层：确保了冰层面层高精度，提升冰场的整体洁白和美观度。



9 混凝土层：石英砂层的替换层，用户可按需选择。



10 浇冰：洒水冻冰，洒出的水均匀呈雾状。



11 画线：根据用户需求布置图案。



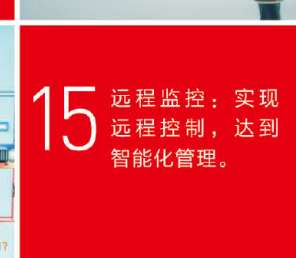
12 浇冰：第二次洒水冻冰，厚度在20~25mm时用冰场专用白色冰油喷洒。



13 冰面：真冰表层。



14 界墙：防腐蚀、牢固、安装方便、美观耐用整体效果好。



15 远程监控：实现远程控制，达到智能化管理。

公司在北京、上海、广州、重庆、南京、沈阳、太原、石家庄、天津、郑州、武汉、厦门、长春、哈尔滨、成都、贵阳、济南、西安、宁波、长沙、南昌、南宁、大连、青岛、合肥、乌鲁木齐、通辽、赤峰等大中城市以及印度、巴基斯坦、哥伦比亚等国家都设有办事处及售后服务点，产品远销香港、阿根廷、印度、巴基斯坦、苏丹、埃塞俄比亚、印尼、越南、孟加拉、肯尼亚、伊朗、沙特阿拉伯、孟买、巴西、朝鲜、越南、缅甸、哥伦比亚等地区。

Sales and after-sales service network 销售及售后服务网络

The company has successfully established branch offices and after-sales service station in Beijing,Shanghai,Guangzhou, Chongqing,Nanjing,Shenyang,Taiyuan,Shijiazhuang,Tianjin,Zhengzhou,Wuhan,Xiamen,Changchun,Haerbin,Chengdu,Guiyang,Jinan,Xian,Ningbo,Changsha,Nanchang,Nanning,Dalian,Qingdao,Hefei,Wulumuqi,Tongliao,Chifeng, India, Colombia & Pakistan,etc; with many years of exporting experience in Hongkong, Argentina, Sudan, India, Pakistan, Ethiopia, Indonesia, Vietnam, Bangladesh, Kenya, Iran, Saudi Arabia, North Korea, Myanmar and Colombia,etc.

