



CHANGXINJIANG
REFRIGERATION

冷冻冷链

重庆长鑫江制冷设备有限公司
Chongqing Changxinjiang Refrigeration Equipment CO., LTD

企业介绍

Company Profile



重庆长鑫江制冷设备有限公司成立于2016年8月，位于长江上游中心城市重庆珞璜工业园，公司成立之初滴源于长江制冷，本着“质量第一”，“客户至上”的原则，打造制冷行业优秀品牌。集设计、研发、制造、销售、售后服务为一体的专业制冷设备生产企业。重庆长鑫江制冷设备有限公司注册资本1000万，拥有16000平方米的标准厂房，公司拥有技术性人才20余人，员工100多人，已获得ISO9001:2015质量体系认证证书，产品拥有国家进出口自营权，取得“CRAA”证书。公司主要生产风冷冷凝机组、水冷冷凝机组、大型螺杆机组、并联机组、环试低温复叠机组、蒸发式冷凝器、排管蒸发器、冷库专用保温板、环试专用保温板、保温门。公司产品广泛应用于食品、肉类、水产、蔬菜、水果、屠宰加工、冷冻物流、环境测试、医疗、化工、电子等行业。公司坚持用优质的产品、一流的服务理念、践行着节能减排的绿色环保观、服务于制冷行业。

螺杆并联机组简介

Paralleled Screw Refrigeration Compressor Units



技术特点及优势

Technical features and advantages

- 1、以比泽尔半封闭螺杆制冷压缩机为主机，质量好、可靠性高。
- 2、配套经济器、油冷却器，制冷效率高，排气温度、油温稳定。
- 3、PLC控制稳定性高，保证长期运转过程中电器控制方面不会出现故障；配有缺相，相序，电压，油压，液位，高压，低压，电机过载，保护模块，油流保护，空开断电保护等保护，并根据保护等级自动处理报警，必要时介入人员干预。
- 4、维护低廉，全自动控制，保证设备在最佳的工况下运行，发挥设备的最大效能。

- 1、Bitzer semi closed screw refrigeration compressor as the main engine, good quality and high reliability.
- 2、Equipped with economizer and oil cooler, high refrigeration efficiency, stable exhaust temperature and oil temperature.
- 3、PLC control has high stability to ensure that there will be no fault in electrical control during long-term operation; it is equipped with phase loss, phase sequence, voltage, oil pressure, liquid level, high pressure, low pressure, motor overload, protection module, oil flow protection, air switch power off and other protections, automatically handles alarm according to protection level, intervenes personnel intervention when necessary.
- 4、Low maintenance, fully automatic control, to ensure the operation of the equipment under the best working conditions, and give full play to the maximum efficiency of the equipment.

Founded in August 2016, Chongqing Changxinjiang Refrigeration Equipment Co., Ltd. is located in Luohuang Industrial Park in Chongqing, the central city in the upper reaches of the Yangtze River. At the beginning of the company's establishment, it originated from the Yangtze River refrigeration. In line with the principle of "quality first" and "customer first", it has built an excellent brand in the refrigeration industry. Set design, research and development, manufacturing, sales, after-sales service as one of the professional refrigeration equipment manufacturers. Chongqing ChangXinJiang Refrigeration Equipment Co., Ltd. has a registered capital of 10 million, 16000 square meters of standard factory buildings, more than 20 technical talents and more than 100 employees. It has obtained iso9001:2015 quality system certification, national import and export rights, and "CRAA" certificate. The company mainly produces air-cooled condensing unit, water-cooled condensing unit, large screw unit, parallel unit, ring test low-temperature cascade unit, evaporative condenser, calandria evaporator, special heat preservation board for cold storage, special heat preservation board for ring test and heat preservation door. Products are widely used in food, meat, aquatic products, vegetables, fruits, slaughtering and processing, frozen logistics, environmental testing, medical, chemical, electronic and other industries. The company adheres to high-quality products, first-class service concept, practices the green environmental protection concept of energy conservation and emission reduction, and serves the refrigeration industry.



型号编制说明 Models Description

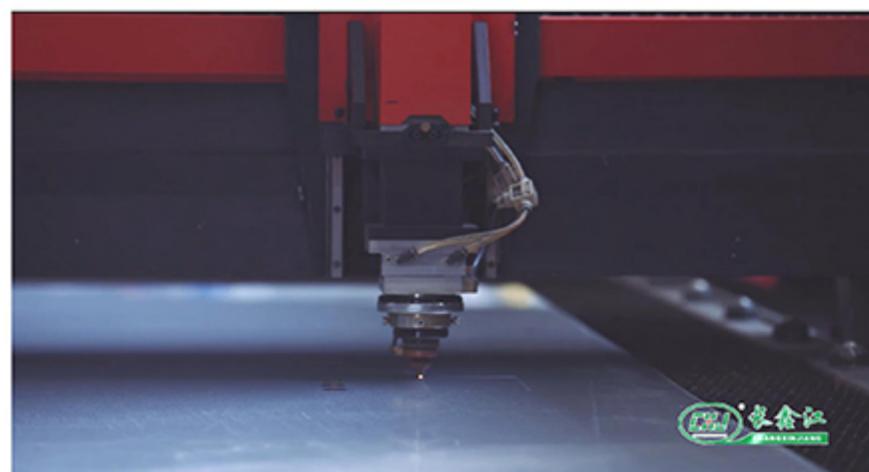
CXJ F D H - 14 Y - 2B
① ② ③ ④ ⑤ ⑥ ⑦

- ① 产品铭牌：CXJ表示长鑫江品牌
- ② 冷凝类别：F表示风冷；S表示水冷；Z表示蒸发冷
- ③ 工况特性：G表示高温机组；Z表示中温机组；D表示低温机组
- ④ 压缩机类别：H表示活塞机；L表示螺杆机；W表示涡旋机
- ⑤ 压缩机型号：匹数或排量，以压缩机品牌资料为准
- ⑥ 制冷剂类别：Y表示R507，无表示R22
- ⑦ 压缩机台数：无表示单机，2B表示两并联，3B表示三并联

- ① Product Nameplate: CXJ-Changxinjiang Product
- ② Condensation category: F means air cooled, S means water cooled, Z means evaporative cooled
- ③ Working condition characteristics: G means high temperature unit, Z means middle temperature unit, D means low temperature unit
- ④ Compressor category: H means piston machine, L means screw machine, W means scroll machine
- ⑤ Compressor model: HP or displacement, subject to compressor brand information
- ⑥ Refrigerant category: Y means R507, other means R22
- ⑦ Compressor numbers: No mark means single unit, 2B means two parallel unit, 3B means three parallel unit

生产基地

Production Base



中高温螺杆并联机组技术参数

Technical Parameters of Medium&High Temperature Paralleled Screw Unit

R22--380V/3N~50Hz

型号 Model	参数 Parameter	机组名义 制冷量(w) Nominal Capacity	机组名义 功率(w) Nominal Power	蒸发温度 范围(°C) Evaporation Temperature	压缩机 Compressor		接管规格(mm) Connection Size				外形尺寸(mm) Dimension			机组 重量 (kg) Weigh
					型式 Type	匹数(HP) Displacement	回液管 Liquid return pipe	供液管 Liquid supply pipe	排气管 Exhaust pipe	回气管 Return air pipe	长 Length	宽 Width	高 Height	
CXJZZL-50-2B		190400	61000	-25°C ~ 10°C	半封闭 螺杆 Semi-closed Screw Type	50×2	∅42	∅35	DN50	DN65	3150	1500	1700	1650
CXJZZL-80-2B		321200	102000			80×2	DN50	∅42	DN65	DN80	3250	1750	1780	2120
CXJZZL-100-2B		422000	133800			100×2	DN50	∅42	DN80	DN100	3250	1750	1780	2190
CXJZZL-125-2B		522000	161200			125×2	DN65	∅54	DN80	DN125	3500	2000	1920	2960
CXJZZL-160-2B		694000	205000			160×2	DN65	∅54	DN80	DN125	3500	2000	1920	3140
CXJZZL-240-2B		1044000	301400			240×2	DN80	DN65	DN80	DN150	3800	2300	2050	3820
CXJZZL-50-3B		285600	91500			50×3	DN50	∅42	DN65	DN80	4000	1600	1700	2080
CXJZZL-80-3B		481800	153000			80×3	DN65	∅54	DN80	DN100	4100	1850	1780	2760
CXJZZL-100-3B		633000	200700			100×3	DN65	∅54	DN80	DN125	4100	1850	1780	2890
CXJZZL-125-3B		783000	241800			125×3	DN65	∅54	DN80	DN150	4500	2000	1920	4100
CXJZZL-160-3B		1041000	307500			160×3	DN80	DN65	DN100	DN150	4500	2000	1920	4180
CXJZZL-240-3B		1566000	452100			240×3	DN80	DN65	DN100	DN150	4800	2300	2050	5430

R507--380V/3N~50Hz

型号 Model	参数 Parameter	机组名义 制冷量(w) Nominal Capacity	机组名义 功率(w) Nominal Power	蒸发温度 范围(°C) Evaporation Temperature	压缩机 Compressor		接管规格(mm) Connection Size				外形尺寸(mm) Dimension			机组 重量 (kg) Weigh
					型式 Type	匹数(HP) Displacement	回液管 Liquid return pipe	供液管 Liquid supply pipe	排气管 Exhaust pipe	回气管 Return air pipe	长 Length	宽 Width	高 Height	
CXJZZL-50Y-2B		213248	70150	-30°C ~ 5°C	半封闭 螺杆 Semi-closed Screw Type	50×2	∅42	∅42	DN50	DN65	3150	1500	1700	1650
CXJZZL-80Y-2B		359744	117300			80×2	DN50	∅54	DN65	DN80	3250	1750	1780	2120
CXJZZL-100Y-2B		472640	153870			100×2	DN50	∅54	DN80	DN100	3250	1750	1780	2190
CXJZZL-125Y-2B		584640	185380			125×2	DN65	DN65	DN80	DN125	3500	2000	1920	2960
CXJZZL-160Y-2B		777280	235750			160×2	DN65	DN65	DN80	DN125	3500	2000	1920	3140
CXJZZL-240Y-2B		1169280	346610			240×2	DN80	DN80	DN80	DN150	3800	2300	2050	3820
CXJZZL-50Y-3B		319872	105225			50×3	DN50	∅54	DN65	DN80	4000	1600	1700	2080
CXJZZL-80Y-3B		539616	175950			80×3	DN65	DN65	DN80	DN100	4100	1850	1780	2760
CXJZZL-100Y-3B		708960	230805			100×3	DN65	DN65	DN80	DN125	4100	1850	1780	2890
CXJZZL-125Y-3B		876960	278070			125×3	DN65	DN65	DN80	DN150	4500	2000	1920	4100
CXJZZL-160Y-3B		1165920	353625			160×3	DN80	DN80	DN100	DN150	4500	2000	1920	4180
CXJZZL-240Y-3B		1753920	519915			240×3	DN80	DN80	DN100	DN150	4800	2300	2050	5430

注/Note:

- 1、名义工况：环境温度32°C，蒸发温度-7°C。
- 2、机组参数会因产品的改良而有所变化，恕不另行通知，具体数据请以产品铭牌为准。
- 3、在其它电源规格条件下使用时，请先咨询生产厂家。

- 1、Nominal working condition: ambient temperature 32 °C, evaporation temperature - 7 °C.
- 2、The parameters of the unit will be changed due to the improvement of the product. Please refer to the product nameplate for specific data.
- 3、Please consult the manufacturer before using under other power supply.



低温螺杆并联机组技术参数

Technical Parameters of Low Temperature Paralleled Screw Unit

R22--380V/3N~50Hz

参数 型号 Parameter Model	机组名义 制冷量(w) Nominal Capacity	机组名义 功率(w) Nominal Power	蒸发温度 范围(°C) Evaporation Temperature	压缩机 Compressor		接管规格(mm) Connection Size				外形尺寸(mm) Dimension			机组 重量 (kg) Weigh
				型式 Type	匹数(HP) Displacement	回液管 Liquid return pipe	供液管 Liquid supply pipe	排气管 Exhaust pipe	回气管 Return air pipe	长 Length	宽 Width	高 Height	
CXJZDL-30-2B	103000	50800	-50°C ~ -15°C	半封闭 螺杆 Semi-closed Screw Type	30×2	∅35	∅28	DN50	DN65	2300	1250	1220	1220
CXJZDL-40-2B	118600	58600			40×2	∅35	∅28	DN50	DN65	2750	1320	1430	1580
CXJZDL-50-2B	140600	69200			50×2	DN40	∅35	DN65	DN80	2750	1320	1430	1675
CXJZDL-60-2B	172600	84200			60×2	DN40	∅35	DN65	DN80	3000	1420	1460	1780
CXJZDL-70-2B	193800	93200			70×2	DN40	∅35	DN65	DN80	3000	1420	1460	1850
CXJZDL-125-2B	351800	161000			125×2	DN50	∅42	DN80	DN125	3300	1700	1850	2380
CXJZDL-30-3B	154500	76200			30×3	DN40	∅35	DN65	DN80	2800	1250	1220	1510
CXJZDL-40-3B	177900	87900			40×3	DN40	∅35	DN65	DN80	3250	1320	1430	1880
CXJZDL-50-3B	210900	130800			50×3	DN50	∅42	DN65	DN108	3250	1320	1430	1960
CXJZDL-60-3B	258900	126300			60×3	DN50	∅42	DN80	DN108	3600	1550	1460	2180
CXJZDL-70-3B	290700	139800			70×3	DN50	∅42	DN80	DN108	3600	1550	1460	2250
CXJZDL-125-3B	527700	241500			125×3	DN65	∅54	DN100	DN150	4000	1700	1850	3260

R507--380V/3N~50Hz

参数 型号 Parameter Model	机组名义 制冷量(w) Nominal Capacity	机组名义 功率(w) Nominal Power	蒸发温度 范围(°C) Evaporation Temperature	压缩机 Compressor		接管规格(mm) Connection Size				外形尺寸(mm) Dimension			机组 重量 (kg) Weigh
				型式 Type	匹数(HP) Displacement	回液管 Liquid return pipe	供液管 Liquid supply pipe	排气管 Exhaust pipe	回气管 Return air pipe	长 Length	宽 Width	高 Height	
CXJZDL-30Y-2B	115360	58420	-55°C ~ -20°C	半封闭 螺杆 Semi-closed Screw Type	30×2	∅35	∅35	DN50	DN65	2300	1250	1220	1220
CXJZDL-40Y-2B	132832	67390			40×2	∅35	∅35	DN50	DN65	2750	1320	1430	1580
CXJZDL-50Y-2B	157472	79580			50×2	DN40	∅42	DN65	DN80	2750	1320	1430	1675
CXJZDL-60Y-2B	193312	96830			60×2	DN40	∅42	DN65	DN80	3000	1420	1460	1780
CXJZDL-70Y-2B	217056	107180			70×2	DN40	∅42	DN65	DN80	3000	1420	1460	1850
CXJZDL-125Y-2B	394016	185150			125×2	DN50	∅54	DN80	DN125	3300	1700	1850	2380
CXJZDL-30Y-3B	173040	87630			30×3	DN40	∅42	DN65	DN80	2800	1250	1220	1510
CXJZDL-40Y-3B	199248	101085			40×3	DN40	∅42	DN65	DN80	3250	1320	1430	1880
CXJZDL-50Y-3B	236208	150420			50×3	DN50	∅54	DN65	DN108	3250	1320	1430	1960
CXJZDL-60Y-3B	289968	145245			60×3	DN50	∅54	DN80	DN108	3600	1550	1460	2180
CXJZDL-70Y-3B	325584	160770			70×3	DN50	∅54	DN80	DN108	3600	1550	1460	2250
CXJZDL-125Y-3B	591024	277725			125×3	DN65	DN65	DN100	DN150	4000	1700	1850	3260

注/Note:

1. 名义工况: 环境温度32°C, 蒸发温度-23°C。
2. 机组参数会因产品的改良而有所变化, 恕不另行通知, 具体数据请以产品铭牌为准。
3. 在其它电源规格条件下使用时, 请先咨询生产厂家。

1. Nominal working condition: ambient temperature 32 °C, evaporation temperature - 23 °C.
2. The parameters of the unit will be changed due to the improvement of the product. Please refer to the product nameplate for specific data.
3. Please consult the manufacturer before using under other power supply.

应用领域

Main Applications



水果 Fruit



蔬菜 Vegetable



肉类 Meat



医药 Medicine



化工 Chemical



航运 Shipping



电子 Electronics



航天 Aerospace



航空 Aviation

水冷螺杆机组简介

Screw Compressor & Water Cooled Condensing Units



技术特点及优势

Technical features and advantages

- 1、机组包含压缩机、水冷冷凝器、油分离器及其它制冷阀件。
- 2、压缩机采用德国进口品牌Bitzer(比泽尔),高效节能,使用寿命长。
- 3、水冷冷凝器采用内螺纹高效换热管,传热效果好,冷凝压力低,节能省电。
- 4、压缩机冷量输出可根据负荷进行多级调节或无极调节。
- 5、制冷配件采用丹佛斯、法斯克等国际国内知名品牌,可靠性高。
- 6、可根据用户要求配套智能控制系统,选配热力膨胀阀/电子膨胀阀等节流组件。
- 7、制冷机组为整体结构式,安装便捷,维护简单。
- 8、选配控制系统时,自主提供维护建议和故障诊断,通过报警编码显示故障原因提示及建议处理方法,维护工作简单。

- 1、 The unit includes compressor, water-cooled condenser, oil separator and other refrigeration valves.
- 2、 The compressor adopts Bitzer imported from Germany, with high efficiency, energy saving and long service life.
- 3、 The water-cooled condenser adopts internal thread high-efficiency heat exchange tube, which has good heat transfer effect, low condensation pressure, energy saving and power saving.
- 4、 The output of compressor cooling capacity can be adjusted in multi-stage or stepless way according to the load.
- 5、 The refrigeration parts are made of Danfoss, Fask and other famous brands at home and abroad, with high reliability.
- 6、 According to the customer's requirements, it can be equipped with intelligent control system, thermal expansion valve / electronic expansion valve and other throttling components.
- 7、 The refrigeration unit is of integral structure, which is easy to install and maintain.
- 8、 When the control system is selected, maintenance suggestions and fault diagnosis shall be provided independently, fault reason prompt and suggested handling method shall be displayed through alarm code, so the maintenance work is simple.



Contents 产品目录

螺杆压缩机组·····	01
Screw Refrigeration Compressor Units·····	
活塞压缩机组·····	09
Piston Refrigeration Compressor Units·····	
节能机组·····	21
Energy Saving Compressor Units·····	
箱体机组·····	23
Box-type Compressor Units·····	
蒸发式冷凝器·····	27
Evaporative Condenser·····	
冷库门及保温板系列·····	34
Cold Storage Insulation Doors and Boards·····	
恒温冰温库·····	35
Constant Temperature Controlled Freezing-point Storage·····	
环境实验低温设备及保温·····	36
Environmental Testing Refrigeration Equipments·····	

型号编制说明 Models Description

CXJ F D H - 14 Y - 2B
① ② ③ ④ ⑤ ⑥ ⑦

- ① 产品铭牌：CXJ表示长鑫江品牌
- ② 冷凝类别：F表示风冷；S表示水冷；Z表示蒸发冷
- ③ 工况特性：G表示高温机组；Z表示中温机组；D表示低温机组
- ④ 压缩机类别：H表示活塞机；L表示螺杆机；W表示涡旋机
- ⑤ 压缩机型号：匹数或排量，以压缩机品牌资料为准
- ⑥ 制冷剂类别：Y表示R507，无表示R22
- ⑦ 压缩机台数：无表示单机，2B表示两并联，3B表示三并联

- ① Product Nameplate: CXJ-Changxinjiang Product
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- ④ Compressor category: H means piston machine, L means screw machine, W means scroll machine
- ⑤ Compressor model: HP or displacement, subject to compressor brand information
- ⑥ Refrigerant category: Y means R507, other means R22
- ⑦ Compressor numbers: No mark means single unit, 2B means two parallel unit, 3B means three parallel unit

中高温水冷螺杆机组技术参数

Technical Parameters of Screw Compressor & Water Cooled Condensing Units At Medium&High Temperature

R22/R507--380V/3N~50Hz

参数 Parameter		型号 Model	CXJSZL-50	CXJSZL-80	CXJSZL-100	CXJSZL-125	CXJSZL-160	CXJSZL-240	CXJSZL-50Y	CXJSZL-80Y	CXJSZL-100Y	CXJSZL-125Y	CXJSZL-160Y	CXJSZL-240Y
适用库温范围(°C) Applicable storage temperature range			-18°C ~ 10°C						-23°C ~ 5°C					
制冷剂 Refrigerant			R22						R507					
名义制冷量(w) Nominal Capacity	库温 ET 8°C		106900	183300	242000	299000	394000	614000	119728	205296	271040	334880	441280	687680
	库温 ET 0°C		78600	135700	178500	219000	295000	452000	88032	151984	199920	245280	330400	506240
	库温 ET -10°C		51000	88100	116900	141800	193200	296000	57120	98672	130928	158816	216384	331520
	库温 ET -18°C		35800	60900	83200	99600	132600	212000	40096	68208	93184	111552	148512	237440
名义工况功率(w) Nominal Power			26600	45900	60400	72500	92300	138300	30590	52785	69460	83375	106145	159045
控制方式(选配) Control Mode			智能除霜, 远程监控等功能 Intelligent Defrost, Remote Control System, and so on											
节流方式(选配) Throttling Mode			电子膨胀阀/热力膨胀阀 Electronic/Thermal Expansion Valve											
压缩机 Compressor	型式 Type		半封闭螺杆 Semi-closed Screw Type											
	匹数(HP) Displacement		50	80	100	125	160	240	50	80	100	125	160	240
冷却水 Cooling Water	流量(m ³ /h) Flow Rate		30	55	75	90	125	180	30	55	75	90	125	180
	进口 Inlet		Rp2.5	DN80	DN100	DN100	DN100	Rp2.5	Rp2.5	DN80	DN100	DN100	DN100	Rp2.5
	出口 Outlet		Rp2.5	DN80	DN100	DN100	DN100	Rp2.5	Rp2.5	DN80	DN100	DN100	DN100	Rp2.5
接管规格(mm) Connection Size	液管 Liquid		ø28	ø28	ø35	ø35	ø42	ø54	ø35	ø35	ø42	ø42	ø54	DN65
	气管 Gas		DN50	DN65	DN65	DN100	DN100	DN100	DN50	DN65	DN65	DN100	DN100	DN100
噪音(dB) Noise			80	85	89	90	94	95	80	85	89	90	94	95
外形尺寸(mm) Dimension	长 Length		1450	2346	2356	2620	2636	3176	1450	2346	2356	2620	2636	3176
	宽 Width		700	750	800	900	900	1150	700	750	800	900	900	1150
	高 Height		1215	1235	1285	1375	1416	1550	1215	1235	1285	1375	1416	1550
机组重量(kg) Weigh			495	760	820	1260	1345	1620	495	760	820	1260	1345	1620

注/Note:

- 1、名义工况: 环境温度32°C, 冷库温度0°C。
- 2、长时间极限工况运行时, 应配套油冷却器和经济器。
- 3、机组参数会因产品的改良而有所变化, 恕不另行通知, 具体数据请以产品铭牌为准。
- 4、在其它电源规格条件下使用时, 请先咨询生产厂家。

- 1、Nominal working condition: ambient temperature 32 °C, evaporation temperature 0 °C.
- 2、Oil cooler and economizer shall be provided for long-term operation under extreme conditions.
- 3、The parameters of the unit will be changed due to the improvement of the product. Please refer to the product nameplate for specific data.
- 4、Please consult the manufacturer before using under other power supply.

低温螺杆并联机组技术参数
Technical Parameters of Screw Compressor & Water Cooled Condensing Units
At Low Temperature

R22/R507--380V/3N~50Hz

参数 Parameter		型号 Model	CXJSDL-30	CXJSDL-40	CXJSDL-50	CXJSDL-60	CXJSDL-70	CXJSDL-125	CXJSDL-30Y	CXJSDL-40Y	CXJSDL-50Y	CXJSDL-60Y	CXJSDL-70Y	CXJSDL-125Y
适用库温范围(°C) Applicable storage temperature range			-35°C ~ -15°C						-40°C ~ -20°C					
制冷剂 Refrigerant			R22						R507					
名义制冷量(w) Nominal Capacity	库温 ET -15°C		54900	66000	75600	92600	103600	179600	61488	73920	84672	103712	116032	201152
	库温 ET -18°C		49200	59000	67800	82500	92600	160700	55104	66080	75936	92400	103712	179984
	库温 ET -23°C		40500	48500	55900	67500	76100	132600	45360	54320	62608	75600	85232	148512
	库温 ET -30°C		30000	35800	41700	49600	56400	99300	33600	40096	46704	55552	63168	111216
	库温 ET -35°C		23700	28200	33100	38700	44500	79200	26544	31584	37072	43344	49840	88704
名义工况功率(w) Nominal Power			30200	33800	40500	48600	52600	91900	34730	38870	46575	55890	60490	105685
经济器 Economizer			板式换热器 Plate heat exchanger											
油冷却器 Oil cooler			水冷油冷却器 Water cooled oil cooler											
控制方式(选配) Control Mode			智能除霜, 远程监控等功能 Intelligent Defrost, Remote Control System, and so on											
节流方式(选配) Throttling Mode			电子膨胀阀/热力膨胀阀 Electronic/Thermal Expansion Valve											
压缩机 Compressor	型式 Type		半封闭螺杆 Semi-closed Screw Type											
	匹数(HP) Displacement		30	40	50	60	70	125	30	40	50	60	70	125
冷却水 Cooling Water	流量(m³/h) Flow Rate		22	28	34	40	43	75	22	28	34	40	43	75
	进口 Inlet		Rp2 +G1"	Rp2 +G1"	Rp2 +G1"	Rp2.5 +G1"	Rp2.5 +G1"	DN100 +G1 -1/4"	Rp2 +G1"	Rp2 +G1"	Rp2 +G1"	Rp2.5 +G1"	Rp2.5 +G1"	DN100 +G1 -1/4"
	出口 Outlet		Rp2 +G1"	Rp2 +G1"	Rp2 +G1"	Rp2.5 +G1"	Rp2.5 +G1"	DN100 +G1 -1/4"	Rp2 +G1"	Rp2 +G1"	Rp2 +G1"	Rp2.5 +G1"	Rp2.5 +G1"	DN100 +G1 -1/4"
接管规格(mm) Connection Size	液管 Liquid		ø22	ø22	ø28	ø28	ø28	ø35	ø28	ø28	ø35	ø35	ø35	ø42
	气管 Gas		DN50	DN50	DN50	DN65	DN65	DN100	DN50	DN50	DN50	DN65	DN65	DN100
噪音(dB) Noise			75	78	80	80	80	86	75	78	80	80	80	86
外形尺寸(mm) Dimension	长 Length		1420	1420	1420	1720	1720	2400	1420	1420	1420	1720	1720	2400
	宽 Width		950	950	1050	1050	1050	1250	950	950	1050	1050	1050	1250
	高 Height		1083	1138	1178	1169	1169	1507	1083	1138	1178	1169	1169	1507
机组重量(kg) Weigh			315	380	420	490	560	915	315	380	420	490	560	915

注/Note:

- 1、名义工况: 环境温度32°C, 冷库温度-18°C。
- 2、机组参数会因产品的改良而有所变化, 恕不另行通知, 具体数据请以产品铭牌为准。
- 3、在其它电源规格条件下使用时, 请先咨询生产厂家。

1. Nominal working condition: ambient temperature 32 °C, cold storage temperature -18 °C.
2. The parameters of the unit will be changed due to the improvement of the product. Please refer to the product nameplate for specific data.
3. Please consult the manufacturer before using under other power supply.

活塞并联机组简介 Piston Parallel Unit



技术特点及优势

Technical features and advantages

- 1、以比泽尔半封闭活塞制冷压缩机为主机，质量好，可靠性高。
- 2、结构紧凑：压缩机、储液器，气液分离器等包括电控设备全部集中在一起，高度集成化设计理念，大大节约了机房面积。
- 3、PLC控制稳定性高，保证长期运转过程中电器控制方面不会出现故障；配有缺相、相序、电压、油压、液位、高压、低压、电机过载、保护模块、油流保护、空开断电等保护，并根据保护等级自动处理报警，必要时介入人员干预。
- 4、维护低廉，全自动控制，保证设备在最佳的工况下运行，发挥设备的最大效能。

- 1、Bitzer semi closed piston refrigeration compressor is used as the main engine, with good quality and high reliability.
- 2、Compact structure: compressor, reservoir, gas-liquid separator and other electronic control equipment are all gathered together, highly integrated design concept, greatly saving the area of the machine room.
- 3、PLC control has high stability to ensure that there will be no fault in electrical control during long-term operation; it is equipped with phase loss, phase sequence, voltage, oil pressure, liquid level, high pressure, low pressure, motor overload, protection module, oil flow protection, air switch power off and other protections, automatically handles alarm according to protection level, intervenes personnel intervention when necessary.
- 4、Low maintenance, fully automatic control, to ensure the operation of the equipment under the best working conditions, and give full play to the maximum efficiency of the equipment.

型号编制说明 Models Description

CXJ F D H - 14 Y - 2B
① ② ③ ④ ⑤ ⑥ ⑦

- ① 产品铭牌：CXJ表示长鑫江品牌
- ② 冷凝类别：F表示风冷；S表示水冷；Z表示蒸发冷
- ③ 工况特性：G表示高温机组；Z表示中温机组；D表示低温机组
- ④ 压缩机类别：H表示活塞机；L表示螺杆机；W表示涡旋机
- ⑤ 压缩机型号：匹数或排量，以压缩机品牌资料为准
- ⑥ 制冷剂类别：Y表示R507，无表示R22
- ⑦ 压缩机台数：无表示单机，2B表示两并联，3B表示三并联

- ① Product Nameplate: CXJ-Changxinjiang Product
- ② Condensation category: F means air cooled, S means water cooled, Z means evaporative cooled
- ③ Working condition characteristics: G means high temperature unit, Z means middle temperature unit, D means low temperature unit
- ④ Compressor category: H means piston machine, L means screw machine, W means scroll machine
- ⑤ Compressor model: HP or displacement, subject to compressor brand information
- ⑥ Refrigerant category: Y means R507, other means R22
- ⑦ Compressor numbers: No mark means single unit, 2B means two parallel unit, 3B means three parallel unit

中高温活塞并联机组技术参数

Medium and high temperature piston parallel unit technical parameters

R22--380V/3N~50Hz

参数 型号 Parameter Model	机组名义 制冷量(w) Nominal Capacity	机组名义 功率(w) Nominal Power	蒸发温度 范围(°C) Evaporation Temperature	压缩机 Compressor		接管规格(mm) Connection Size				外形尺寸(mm) Dimension			机组 重量 (kg) Weigh
				型式 Type	匹数(HP) Displacement	回液管 Liquid return pipe	供液管 Liquid supply pipe	排气管 Exhaust pipe	回气管 Return air pipe	长 Length	宽 Width	高 Height	
CXJZZH-15-2B	60000	19700	-30°C ~ 10°C	半封闭 活塞 Semi- enclosed piston	15×2	∅28	∅22	DN40	DN50	1600	1020	1150	388
CXJZZH-20-2B	71600	23340			20×2	∅28	∅22	DN40	DN50	1800	1020	1150	416
CXJZZH-25-2B	94000	30940			25×2	∅35	∅28	DN50	DN65	1800	1200	1220	460
CXJZZH-30-2B	108000	35840			30×2	∅35	∅28	DN50	DN65	1800	1200	1350	512
CXJZZH-40-2B	157400	53400			40×2	∅42	∅35	DN50	DN65	1900	1200	1350	540
CXJZZH-50-2B	191800	66400			50×2	∅42	∅35	DN50	DN65	1900	1200	1350	586
CXJZZH-15-3B	90000	26250			15×3	∅35	∅28	DN40	DN50	2100	1020	1150	512
CXJZZH-20-3B	107400	35010			20×3	∅35	∅28	DN40	DN50	2300	1020	1150	565
CXJZZH-25-3B	141000	46410			25×3	∅42	∅35	DN50	DN65	2300	1200	1220	651
CXJZZH-30-3B	162600	56280			30×3	∅42	∅35	DN50	DN65	2300	1300	1350	732
CXJZZH-40-3B	236100	80100			40×3	∅42	∅35	DN65	DN89	2450	1300	1350	760
CXJZZH-50-3B	287700	99600			50×3	DN50	∅42	DN65	DN89	2450	1300	1350	785

R507--380V/3N~50Hz

参数 型号 Parameter Model	机组名义 制冷量(w) Nominal Capacity	机组名义 功率(w) Nominal Power	蒸发温度 范围(°C) Evaporation Temperature	压缩机 Compressor		接管规格(mm) Connection Size				外形尺寸(mm) Dimension			机组 重量 (kg) Weigh
				型式 Type	匹数(HP) Displacement	回液管 Liquid return pipe	供液管 Liquid supply pipe	排气管 Exhaust pipe	回气管 Return air pipe	长 Length	宽 Width	高 Height	
CXJZZH-15Y-2B	67200	22655	-35°C ~ 5°C	半封闭 活塞 Semi- enclosed piston	15×2	∅28	∅28	DN40	DN50	1600	1020	1150	388
CXJZZH-20Y-2B	80192	26841			20×2	∅28	∅28	DN40	DN50	1800	1020	1150	416
CXJZZH-25Y-2B	105280	35581			25×2	∅35	∅35	DN50	DN65	1800	1200	1220	460
CXJZZH-30Y-2B	120960	41216			30×2	∅35	∅35	DN50	DN65	1800	1200	1350	512
CXJZZH-40Y-2B	176288	61410			40×2	∅42	∅42	DN50	DN65	1900	1200	1350	540
CXJZZH-50Y-2B	214816	76360			50×2	∅42	∅42	DN50	DN65	1900	1200	1350	586
CXJZZH-15Y-3B	100800	30187.5			15×3	∅35	∅32	DN40	DN50	2100	1020	1150	512
CXJZZH-20Y-3B	120288	40261.5			20×3	∅35	∅32	DN40	DN50	2300	1020	1150	565
CXJZZH-25Y-3B	157920	53371.5			25×3	∅42	∅42	DN50	DN65	2300	1200	1220	651
CXJZZH-30Y-3B	182112	64722			30×3	∅42	∅42	DN50	DN65	2300	1300	1350	732
CXJZZH-40Y-3B	264432	92115			40×3	∅42	∅42	DN65	DN89	2450	1300	1350	760
CXJZZH-50Y-3B	322224	114540			50×3	DN50	∅54	DN65	DN89	2450	1300	1350	785

注/Note:

- 1、名义工况：环境温度32°C，蒸发温度-7°C。
- 2、机组参数会因产品的改良而有所变化，恕不另行通知，具体数据请以产品铭牌为准。
- 3、在其它电源规格条件下使用时，请先咨询生产厂家。

- 1、Nominal working condition: ambient temperature 32 °C, evaporative temperature -7°C.
- 2、The parameters of the unit will be changed due to the improvement of the product. Please refer to the product nameplate for specific data.
- 3、Please consult the manufacturer before using under other power supply.

低温活塞并联机组技术参数
Low temperature piston parallel unit technical parameters

R22--380V/3N~50Hz

参数 型号 Parameter Model	机组名义 制冷量(w) Nominal Capacity	机组名义 功率(w) Nominal Power	蒸发温度 范围(°C) Evaporation Temperature	压缩机 Compressor		接管规格(mm) Connection Size				外形尺寸(mm) Dimension			机组 重量 (kg) Weigh
				型式 Type	匹数(HP) Displacement	回液管 Liquid return pipe	供液管 Liquid supply pipe	排气管 Exhaust pipe	回气管 Return air pipe	长 Length	宽 Width	高 Height	
CXJZDH-14-2B	38780	17500	-45°C ~ -15°C	半封闭 活塞 Semi- enclosed piston	14×2	∅28	∅22	∅35	DN40	1600	1020	1150	387
CXJZDH-18-2B	45600	24000			18×2	∅28	∅22	DN40	DN50	1800	1020	1150	452
CXJZDH-23-2B	53200	28360			23×2	∅35	∅28	DN40	DN50	1800	1200	1220	455
CXJZDH-28-2B	67000	35300			28×2	∅35	∅28	DN50	DN65	1800	1200	1350	536
CXJZDH-34-2B	79400	42800			34×2	DN40	∅35	DN50	DN65	1900	1200	1350	569
CXJZDH-44-2B	95000	52200			40×2	DN40	∅35	DN50	DN65	1900	1200	1350	589
CXJZZH-14-3B	49170	26250			14×3	∅35	∅28	DN40	DN50	2100	1020	1150	524
CXJZZH-18-3B	68400	36000			18×3	∅35	∅28	DN40	DN50	2300	1020	1150	585
CXJZZH-23-3B	79800	42540			23×3	DN40	∅35	DN50	DN65	2300	1200	1220	670
CXJZZH-28-3B	100500	52950			28×3	DN40	∅35	DN50	DN65	2300	1300	1350	760
CXJZZH-34-3B	119100	64200			34×3	DN40	∅35	DN50	DN65	2450	1300	1350	785
CXJZZH-44-3B	142500	78300			44×3	DN50	∅42	DN65	DN80	2450	1300	1350	815

R507--380V/3N~50Hz

参数 型号 Parameter Model	机组名义 制冷量(w) Nominal Capacity	机组名义 功率(w) Nominal Power	蒸发温度 范围(°C) Evaporation Temperature	压缩机 Compressor		接管规格(mm) Connection Size				外形尺寸(mm) Dimension			机组 重量 (kg) Weigh
				型式 Type	匹数(HP) Displacement	回液管 Liquid return pipe	供液管 Liquid supply pipe	排气管 Exhaust pipe	回气管 Return air pipe	长 Length	宽 Width	高 Height	
CXJZDH-14Y-2B	43433.6	20125	-50°C ~ -20°C	半封闭 活塞 Semi- enclosed piston	14×2	∅28	∅28	∅35	DN40	1600	1020	1150	387
CXJZDH-18Y-2B	51072	27600			18×2	∅28	∅28	DN40	DN50	1800	1020	1150	452
CXJZDH-23Y-2B	59584	32614			23×2	∅35	∅35	DN40	DN50	1800	1200	1220	455
CXJZDH-28Y-2B	75040	40595			28×2	∅35	∅35	DN50	DN65	1800	1200	1350	536
CXJZDH-34Y-2B	88928	49220			34×2	DN40	∅42	DN50	DN65	1900	1200	1350	569
CXJZDH-44Y-2B	106400	60030			40×2	DN40	∅42	DN50	DN65	1900	1200	1350	589
CXJZZH-14Y-3B	55070.4	30187.5			14×3	∅35	∅35	DN40	DN50	2100	1020	1150	524
CXJZZH-18Y-3B	76608	41400			18×3	∅35	∅35	DN40	DN50	2300	1020	1150	585
CXJZZH-23Y-3B	89376	48921			23×3	DN40	∅42	DN50	DN65	2300	1200	1220	670
CXJZZH-28Y-3B	112560	60892.5			28×3	DN40	∅42	DN50	DN65	2300	1300	1350	760
CXJZZH-34Y-3B	133392	73830			34×3	DN40	∅42	DN50	DN65	2450	1300	1350	785
CXJZZH-44Y-3B	159600	90045			44×3	DN50	∅54	DN65	DN80	2450	1300	1350	815

注/Note:

- 1、名义工况：环境温度32°C，蒸发温度-23°C。
- 2、机组参数会因产品的改良而有所变化，恕不另行通知，具体数据请以产品铭牌为准。
- 3、在其它电源规格条件下使用时，请先咨询生产厂家。

- 1、Nominal working condition: ambient temperature 32 °C, evaporative temperature -23°C.
- 2、The parameters of the unit will be changed due to the improvement of the product. Please refer to the product nameplate for specific data.
- 3、Please consult the manufacturer before using under other power supply.

风冷活塞机组简介 Air Cooled Piston Unit



技术特点及优势

Technical features and advantages

- 1、机组包含压缩机、风冷冷凝器、油分离器、储液器及其它制冷阀件。
 - 2、压缩机采用德国进口品牌BITZER,高效节能,使用寿命长。
 - 3、风冷冷凝器采用内螺纹高效换热管,传热效果好,冷凝压力低。
 - 4、冷凝风机采用高效低噪音轴流风机,无噪音污染,可在居民区使用。
 - 5、制冷配件采用丹佛斯,法斯克等国际国内知名品牌,可靠性高。
 - 6、可根据客户要求配套智能控制系统,选配热力膨胀阀/电子膨胀阀等节流组件。
 - 7、制冷机组为整体结构式,安装便捷、维护简单。
 - 8、选配控制系统时,自主提供维护建议和故障诊断,通过报警编码显示故障原因提示及建议处理方法,维护工作简单。
- 1、 The unit includes compressor, air-cooled condenser, oil separator, liquid reservoir and other refrigeration valves.
 - 2、 The compressor adopts Bitzer imported from Germany, with high efficiency, energy saving and long service life.
 - 3、 The air-cooled condenser adopts internal thread high-efficiency heat exchange tube, which has good heat transfer effect, low condensation pressure.
 - 4、 The condensing fan is an axial flow fan with high efficiency and low noise, no noise pollution, and can be used in residential areas.
 - 5、 The refrigeration parts are made of Danfoss, Fask and other famous brands at home and abroad, with high reliability.
 - 6、 According to the customer's requirements, it can be equipped with intelligent control system, thermal expansion valve / electronic expansion valve and other throttling components.
 - 7、 The refrigeration unit is of integral structure, which is easy to install and maintain.
 - 8、 When the control system is selected, maintenance suggestions and fault diagnosis shall be provided independently, fault reason prompt and suggested handling method shall be displayed through alarm code, so the maintenance work is simple.

型号编制说明 Models Description

CXJ F D H - 14 Y - 2B
① ② ③ ④ ⑤ ⑥ ⑦

- ① 产品铭牌：CXJ表示长鑫江品牌
- ② 冷凝类别：F表示风冷；S表示水冷；Z表示蒸发冷
- ③ 工况特性：G表示高温机组；Z表示中温机组；D表示低温机组
- ④ 压缩机类别：H表示活塞机；L表示螺杆机；W表示涡旋机
- ⑤ 压缩机型号：匹数或排量，以压缩机品牌资料为准
- ⑥ 制冷剂类别：Y表示R507，无表示R22
- ⑦ 压缩机台数：无表示单机，2B表示两并联，3B表示三并联

- ① Product Nameplate: CXJ-Changxinjiang Product
- ② Condensation category: F means air cooled, S means water cooled, Z means evaporative cooled
- ③ Working condition characteristics: G means high temperature unit, Z means middle temperature unit, D means low temperature unit
- ④ Compressor category: H means piston machine, L means screw machine, W means scroll machine
- ⑤ Compressor model: HP or displacement, subject to compressor brand information
- ⑥ Refrigerant category: Y means R507, other means R22
- ⑦ Compressor numbers: No mark means single unit, 2B means two parallel unit, 3B means three parallel unit

中高温风冷活塞机组技术参数

Medium and high temperature air-cooled piston unit Technical parameters

R22/R507--380V/3N~50Hz

参数 Parameter		型号 Model	CXJFZH-5	CXJFZH-7	CXJFZH-9	CXJFZH-10	CXJFZH-12	CXJFZH-15	CXJFZH-5Y	CXJFZH-7Y	CXJFZH-9Y	CXJFZH-10Y	CXJFZH-12Y	CXJFZH-15Y
适用库温范围(°C) Applicable storage temperature range			-20°C ~ 10°C						-25°C ~ 5°C					
制冷剂 Refrigerant			R22						R507					
名义制冷量(w) Nominal Capacity	库温 ET 8°C		14050	21200	25700	27200	32800	37700	15736	23744	28784	30464	36736	42224
	库温 ET 0°C		9970	15080	18230	19040	23000	26300	11166	16890	20418	21325	25760	29456
	库温 ET -10°C		6240	9450	11370	11610	14170	15920	6988.8	10584	12734	13003	15870	17830
	库温 ET -15°C		4830	7320	8770	8820	10830	12050	5409.6	8198.4	9822.4	9878.4	12130	13496
	库温 ET -20°C		3680	5570	6640	6540	8110	8900	4121.6	6238.4	7436.8	7324.8	9083.2	9968
名义工况功率(w) Nominal Power			4600	6760	8560	8460	10010	11590	5290	7774	9844	9729	11512	13329
控制方式(选配) Control Mode			智能除霜, 远程监控等功能 Intelligent Defrost, Remote Control System, and so on											
节流方式(选配) Throttling Mode			电子膨胀阀/热力膨胀阀 Electronic/Thermal Expansion Valve											
压缩机 Compressor	型式 Type		半封闭活塞 Semi-enclosed piston											
	匹数(HP) Displacement		5	7	9	10	12	15	5	7	9	10	12	15
冷凝风机 Condensate fan	型式 Type		高效低噪音轴流式 High efficiency, low noise and axial flow											
	数量 Num		2	2	4	4	4	4	2	2	4	4	4	4
	功率(w) Power		300	370	300	300	300	370	300	370	300	300	300	370
接管规格(mm) Connection Size	液管 Liquid		ø12	ø16	ø16	ø16	ø16	ø16	ø16	ø22	ø22	ø22	ø22	ø22
	气管 Gas		ø22	ø28	ø28	ø28	ø35	ø42	ø22	ø28	ø28	ø28	ø35	ø42
噪音(dB) Noise			62	68	70	70	72	75	62	68	70	70	72	75
外形尺寸(mm) Dimension	长 Length		1310	1310	1310	1310	1310	1380	1310	1310	1310	1310	1310	1380
	宽 Width		700	750	750	750	750	800	700	750	750	750	750	800
	高 Height		770	870	1170	1170	1320	1370	770	870	1170	1170	1320	1370
机组重量(kg) Weigh			138	155	168	180	196	208	138	155	168	180	196	208

注/Note:

- 1、名义工况: 环境温度32°C, 冷库温度0°C。
- 2、名义工况功率为压缩机功率、冷凝器风机功率和控制系统功率的总和。
- 3、机组参数会因产品的改良而有所变化, 恕不另行通知, 具体数据请以产品铭牌为准。
- 4、在其它电源规格条件下使用时, 请先咨询生产厂家。

1. Nominal working condition: ambient temperature 32 °C, cold storage temperature 0 °C.
2. The nominal working condition power is the sum of compressor power, condenser fan power and control system power.
3. The parameters of the unit will be changed due to the improvement of the product. Please refer to the product nameplate for specific data.
4. Please consult the manufacturer before using under other power supply.

低温风冷活塞机组技术参数
Low temperature air-cooled piston unit Technical parameters

R22/R507--380V/3N~50Hz

参数 Parameter		型号 Model	CXJFDH-3	CXJFDH-5	CXJFDH-7	CXJFDH-9	CXJFDH-12	CXJFDH-14	CXJFDH-3Y	CXJFDH-5Y	CXJFDH-7Y	CXJFDH-9Y	CXJFDH-12Y	CXJFDH-14Y
适用库温范围(°C) Applicable storage temperature range			-35°C ~ -15°C						-40°C ~ -20°C					
制冷剂 Refrigerant			R22						R507					
名义制冷量(w) Nominal Capacity	库温 ET -15°C		4830	7320	8810	10880	12160	14790	5409.6	8198.4	9867.2	12186	13619	16565
	库温 ET -18°C		4110	6230	7390	9170	10180	12470	4603.2	6977.6	8276.8	10270	11402	13966
	库温 ET -23°C		3090	4680	5380	6760	7390	9190	3460.8	5241.6	6025.6	7571.2	8276.8	10293
	库温 ET -30°C		1990	2990	3210	4160	4410	5660	2228.8	3348.8	3595.2	4659.2	4939.2	6339.2
	库温 ET -35°C		1390	2080	2060	2770	2830	3780	1556.8	2329.6	2307.2	3102.4	3169.6	4233.6
名义工况功率(w) Nominal Power			3300	4910	5560	6140	6720	9690	3795	5646.5	6394	7061	7728	11144
控制方式(选配) Control Mode			智能除霜, 远程监控等功能 Intelligent Defrost, Remote Control System, and so on											
节流方式(选配) Throttling Mode			电子膨胀阀/热力膨胀阀 Electronic/Thermal Expansion Valve											
压缩机 Compressor	型式 Type		半封闭活塞 Semi-enclosed piston											
	匹数(HP) Displacement		3	5	7	9	12	14	3	5	7	9	12	14
冷凝风机 Condensate fan	型式 Type		高效低噪音轴流式 High efficiency, low noise and axial flow											
	数量 Num		2	2	2	4	4	4	2	2	2	4	4	4
	功率(w) Power		200	300	370	300	300	370	200	300	370	300	300	370
接管规格(mm) Connection Size	液管 Liquid		ø9	ø12	ø12	ø16	ø16	ø16	ø12	ø16	ø16	ø22	ø22	ø22
	气管 Gas		ø22	ø28	ø28	ø28	ø35	ø42	ø22	ø28	ø28	ø28	ø35	ø42
噪音(dB) Noise			62	65	68	70	72	75	62	65	68	70	72	75
外形尺寸(mm) Dimension	长 Length		970	1310	1310	1310	1310	1380	970	1310	1310	1310	1310	1380
	宽 Width		700	700	750	750	750	800	700	700	750	750	750	800
	高 Height		520	670	870	1170	1320	1370	520	670	870	1170	1320	1370
机组重量(kg) Weigh			124	148	165	174	180	198	124	148	165	174	180	198

注/Note:

- 1、名义工况: 环境温度32°C, 冷库温度-18°C。
- 2、名义工况功率为压缩机功率、冷凝器风机功率和控制系统功率的总和。
- 3、机组参数会因产品的改良而有所变化, 恕不另行通知, 具体数据请以产品铭牌为准。
- 4、在其它电源规格条件下使用时, 请先咨询生产厂家。

- 1、Nominal working condition: ambient temperature 32 °C, cold storage temperature -18°C.
- 2、The nominal working condition power is the sum of compressor power, condenser fan power and control system power.
- 3、The parameters of the unit will be changed due to the improvement of the product. Please refer to the product nameplate for specific data.
- 4、Please consult the manufacturer before using under other power supply.

水冷活塞机组简介 Water Cooled Piston Unit



技术特点及优势

Technical features and advantages

- 1、机组包含压缩机、水冷冷凝器、油分离器及其它制冷阀件。
- 2、压缩机采用德国进口品牌BITZER,高效节能，使用寿命长。
- 3、水冷冷凝器采用内螺纹高效换热管，传热效果好，冷凝压力低。
- 4、水冷冷凝器冷却水侧采用全新四流程技术，冷凝效果大幅度提升，比常规机组更加节能。
- 5、制冷配件采用丹佛斯，法斯克等国际国内知名品牌，可靠性高。
- 6、可根据客户要求配套智能控制系统，选配热力膨胀阀/电子膨胀阀等节流组件。
- 7、制冷机组为整体结构式，安装便捷、维护简单。
- 8、选配控制系统时，自主提供维护建议和故障诊断，通过报警编码显示故障原因提示及建议处理方法，维护工作简单。

- 1、 The unit includes compressor, water-cooled condenser, oil separator and other refrigeration valves.
- 2、 The compressor adopts Bitzer imported from Germany, with high efficiency, energy saving and long service life.
- 3、 The water-cooled condenser adopts internal thread high-efficiency heat exchange tube, which has good heat transfer effect, low condensation pressure.
- 4、 The cooling water side of condenser adopts the new four process technology, which greatly improves the condensation effect and saves more energy than the conventional unit.
- 5、 The refrigeration parts are made of Danfoss, Fask and other famous brands at home and abroad, with high reliability.
- 6、 According to the customer's requirements, it can be equipped with intelligent control system, thermal expansion valve / electronic expansion valve and other throttling components.
- 7、 The refrigeration unit is of integral structure, which is easy to install and maintain.
- 8、 When the control system is selected, maintenance suggestions and fault diagnosis shall be provided independently, fault reason prompt and suggested handling method shall be displayed through alarm code, so the maintenance work is simple.

型号编制说明 Models Description

CXJ F D H - 14 Y - 2B
① ② ③ ④ ⑤ ⑥ ⑦

- ① 产品铭牌：CXJ表示长鑫江品牌
- ② 冷凝类别：F表示风冷；S表示水冷；Z表示蒸发冷
- ③ 工况特性：G表示高温机组；Z表示中温机组；D表示低温机组
- ④ 压缩机类别：H表示活塞机；L表示螺杆机；W表示涡旋机
- ⑤ 压缩机型号：匹数或排量，以压缩机品牌资料为准
- ⑥ 制冷剂类别：Y表示R507，无表示R22
- ⑦ 压缩机台数：无表示单机，2B表示两并联，3B表示三并联

- ① Product Nameplate: CXJ-Changxinjiang Product
- ② Condensation category: F means air cooled, S means water cooled, Z means evaporative cooled
- ③ Working condition characteristics: G means high temperature unit, Z means middle temperature unit, D means low temperature unit
- ④ Compressor category: H means piston machine, L means screw machine, W means scroll machine
- ⑤ Compressor model: HP or displacement, subject to compressor brand information
- ⑥ Refrigerant category: Y means R507, other means R22
- ⑦ Compressor numbers: No mark means single unit, 2B means two parallel unit, 3B means three parallel unit

中高温水冷活塞机组技术参数

Medium and high temperature water-cooled piston unit technical parameters

R22/R507--380V/3N~50Hz

参数 Parameter		型号 Model	CXJSZH-20	CXJSZH-25	CXJSZH-30	CXJSZH-35	CXJSZH-40	CXJSZH-50	CXJSZH-20Y	CXJSZH-25Y	CXJSZH-30Y	CXJSZH-35Y	CXJSZH-40Y	CXJSZH-50Y
适用库温范围(°C) Applicable storage temperature range			-20°C ~ 10°C						-25°C ~ 5°C					
制冷剂 Refrigerant			R22						R507					
名义制冷量(w) Nominal Capacity	库温 ET 8°C		46500	60600	69500	88900	100900	122800	52080	67872	77840	99568	113008	137536
	库温 ET 0°C		32800	43300	49800	63600	72500	88400	36736	48496	55776	71232	81200	99008
	库温 ET -10°C		20300	27300	31500	40200	46100	56300	22736	30576	35280	45024	51632	63056
	库温 ET -15°C		15600	21200	24500	31200	35900	44000	17472	23744	27440	34944	40208	49280
	库温 ET -20°C		11740	16120	18680	23700	27400	33700	13149	18054	20922	26544	30688	37744
名义工况功率(w) Nominal Power			11780	15620	18080	23200	26900	33500	13547	17963	20792	26680	30935	38525
控制方式(选配) Control Mode			智能除霜, 远程监控等功能 Intelligent Defrost, Remote Control System, and so on											
节流方式(选配) Throttling Mode			电子膨胀阀/热力膨胀阀 Electronic/Thermal Expansion Valve											
压缩机 Compressor	型式 Type		半封闭活塞 Semi-enclosed piston											
	匹数(HP) Displacement		20	25	30	35	40	50	20	25	30	35	40	50
冷却水 Cooling Water	流量(m³/h) Flow Rate		15	18	20	25	30	35	15	18	20	25	30	35
	进口 Inlet		Rp1.5	Rp2	Rp2	Rp2	Rp2	Rp2.5	Rp1.5	Rp2	Rp2	Rp2	Rp2	Rp2.5
	出口 Outlet		Rp1.5	Rp2	Rp2	Rp2	Rp2	Rp2.5	Rp1.5	Rp2	Rp2	Rp2	Rp2	Rp2.5
接管规格(mm) Connection Size	液管 Liquid		ø22	ø22	ø22	ø22	ø28	ø28	ø28	ø28	ø28	ø28	ø35	ø35
	气管 Gas		ø42	ø54	ø54	ø54	ø54	ø54	ø42	ø54	ø54	ø54	ø54	ø54
噪音(dB) Noise			70	72	75	75	76	78	70	72	75	75	76	78
外形尺寸(mm) Dimension	长 Length		1220	1406	1406	1406	1406	1406	1220	1406	1406	1406	1406	1406
	宽 Width		450	510	510	625	625	625	450	510	510	625	625	625
	高 Height		840	819	819	956	956	956	840	819	819	956	956	956
机组重量(kg) Weigh			218	265	278	308	326	348	218	265	278	308	326	348

注/Note:

- 1、名义工况: 环境温度32°C, 冷库温度0°C。
- 2、机组参数会因产品的改良而有所变化, 恕不另行通知, 具体数据请以产品铭牌为准。
- 3、在其它电源规格条件下使用时, 请先咨询生产厂家。

- 1、Nominal working condition: ambient temperature 32 °C, cold storage temperature 0°C.
- 2、The parameters of the unit will be changed due to the improvement of the product. Please refer to the product nameplate for specific data.
- 3、Please consult the manufacturer before using under other power supply.

低温水冷活塞机组技术参数
Low temperature water-cooled piston unit technical parameters

R22/R507--380V/3N~50Hz

参数 Parameter		型号 Model	CXJSDH-18	CXJSDH-23	CXJSDH-25	CXJSDH-28	CXJSDH-34	CXJSDH-44	CXJSDH-18Y	CXJSDH-23Y	CXJSDH-25Y	CXJSDH-28Y	CXJSDH-34Y	CXJSDH-44Y
适用库温范围(°C) Applicable storage temperature range			-35°C ~ -15°C						-40°C ~ -20°C					
制冷剂 Refrigerant			R22						R507					
名义制冷量(W) Nominal Capacity	库温 ET -15°C		21700	25400	27400	32000	38000	45400	24304	28448	30688	35840	42560	50848
	库温 ET -18°C		18560	21800	23300	27300	32700	39000	20787	24416	26096	30576	36624	43680
	库温 ET -23°C		13990	16540	17470	20600	25000	29700	15669	18525	19566	23072	28000	33264
	库温 ET -30°C		8940	10750	11050	13210	16500	19300	10013	12040	12376	14795	18480	21616
	库温 ET -35°C		6160	7550	7850	9120	11740	13490	6899.2	8456	8792	10214	13149	15109
名义工况功率(W) Nominal Power			11290	13350	13990	16610	20200	24600	12984	15353	16089	19102	23230	28290
控制方式(选配) Control Mode			智能除霜, 远程监控等功能 Intelligent Defrost, Remote Control System, and so on											
节流方式(选配) Throttling Mode			电子膨胀阀/热力膨胀阀 Electronic/Thermal Expansion Valve											
压缩机 Compressor	型式 Type		半封闭活塞 Semi-enclosed piston											
	匹数(HP) Displacement		18	23	25	28	34	44	18	23	25	28	34	44
冷却水 Cooling Water	流量(m³/h) Flow Rate		10	10	12	15	20	25	10	10	12	15	20	25
	进口 Inlet		Rp1	Rp1	Rp1	Rp1.5	Rp1.5	Rp1.5	Rp1	Rp1	Rp1	Rp1.5	Rp1.5	Rp1.5
	出口 Outlet		Rp1	Rp1	Rp1	Rp1.5	Rp1.5	Rp1.5	Rp1	Rp1	Rp1	Rp1.5	Rp1.5	Rp1.5
接管规格(mm) Connection Size	液管 Liquid		ø16	ø22	ø22	ø22	ø22	ø28	ø22	ø28	ø28	ø28	ø28	ø35
	气管 Gas		ø42	ø54	ø54	ø54	ø54	ø54	ø42	ø54	ø54	ø54	ø54	ø54
噪音(dB) Noise			68	70	74	74	75	72	68	70	74	74	75	72
外形尺寸(mm) Dimension	长 Length		1220	1220	1406	1406	1406	1406	1220	1220	1406	1406	1406	1406
	宽 Width		450	450	450	625	625	625	450	450	450	625	625	625
	高 Height		870	870	870	956	956	956	870	870	870	956	956	956
机组重量(kg) Weigh			229	276	290	315	334	358	229	276	290	315	334	358

注/Note:

- 1、名义工况: 环境温度32°C, 冷库温度-18°C。
- 2、机组参数会因产品的改良而有所变化, 恕不另行通知, 具体数据请以产品铭牌为准。
- 3、在其它电源规格条件下使用时, 请先咨询生产厂家。

- 1、Nominal working condition: ambient temperature 32 °C, cold storage temperature -18°C.
- 2、The parameters of the unit will be changed due to the improvement of the product. Please refer to the product nameplate for specific data.
- 3、Please consult the manufacturer before using under other power supply.

比泽尔节能机组简介

Bitzer Energy Saving Compressor Units



高效节能器 + 高均匀度分配器 = 节能省电
High efficiency economizer + High uniformity distributor = Energy saving

技术特点及优势

Technical features and advantages

- 1、全新节能设计，改变传统制冷模式，更高效，更节能，更环保。
- 2、高效节能器，使储液器到每组蒸发器进口的供液量分配更均匀、每组蒸发器到压缩机回气端的压降完全一致。
- 3、高均匀度分配器，完全解决了传统模式下蒸发器流程过长导致的压降大、过热度大、挂降不满等不良现象。
- 4、机组制冷量大，冷量输出能满足比常规机组成倍的冷库容积。
- 5、多组独立的供回系统，不受单组故障的影响，保证机组运行的稳定性。
- 6、可根据用户实际情况，定制各种型号节能器和分配器。

低噪音日立节能机组简介

Low-noise Hitachi Energy Saving Compressor Units



超低噪音运行，适用噪音敏感区域
全新节能技术，创建行业知名品牌

技术特点及优势

Technical features and advantages

- 1、 New energy-saving design, change the traditional refrigeration mode, more efficient, more energy-saving and more environmental protection.
- 2、 High efficiency economizer, which makes the distribution of liquid supply from the reservoir to the inlet of each group of evaporators more uniform, and the pressure drop from each group of evaporators to the return end of the compressor completely consistent.
- 3、 The high uniformity distributor completely solves the problems such as high pressure drop, high superheat and insufficient hang down caused by the long evaporator process in the traditional mode.
- 4、 The refrigeration capacity of the unit is large, and the output of the cooling capacity can meet the requirement of twice the capacity of the cold storage compared with the conventional unit.
- 5、 Multiple groups of independent supply and return system, not affected by single group of faults, to ensure the stability of unit operation.
- 6、 Various models of energy saver and distributor can be customized according to the actual situation of users.

低噪音日立涡旋压缩机冷凝机组简介

Low-noise Hitachi Scroll Type Compressor Condensing Units



技术特点及优势 Technical features and advantages

- 1、机组包含压缩机、风冷冷凝器、油分离器,储液器及其它制冷阀件。
- 2、压缩机采用进口日立压缩机,制冷范围广,冷藏冷冻均可使用。制冷效率高、噪音低、故障低、使用寿命长。
- 3、其它主要阀件采用丹佛斯,鹭宫等品牌,质量可靠,故障率低。
- 4、安装简单快捷,已注入氟利昂,与蒸发器对接排空后即可开机运行。
- 5、全智能控制系统,开机自动检测排除故障,可选配远程监控模块。
- 6、实现对机组的全面保护,确保制冷机组长期运行的稳定性。
- 7、自主提供维护建议和故障诊断,通过报警编码显示故障原因提示及建议处理方法,维护工作简单。

- 1、 The unit includes compressor, air-cooled condenser, oil separator, liquid reservoir and other refrigeration valves.
- 2、 The compressor is imported Hitachi compressor, which has a wide refrigeration range and can be used for refrigeration. High refrigeration efficiency, low noise, low failure and long service life.
- 3、 Other main valves adopt Danfoss, Saglnomlya and other brands, with reliable quality and low failure rate.
- 4、 The installation is simple and fast, freon has been injected, and the machine can be started after docking with the evaporator and emptying.
- 5、 Fully intelligent control system, automatic start-up detection and troubleshooting, optional with remote monitoring module.
- 6、 Realize the overall protection of the unit and ensure the long-term operation stability of the refrigeration unit.
- 7、 Maintenance suggestions and fault diagnosis shall be provided independently, fault reason prompt and suggested handling method shall be displayed through alarm code, so the maintenance work is simple.

R404A--380V/3N~50Hz

参数 Parameter		型号 Model	CXJFDW-3Y	CXJFDW-4Y	CXJFDW-5Y	CXJFDW-6Y	CXJFDW-8Y	CXJFZW-10Y	CXJFZW-16Y	CXJFZW-20Y	CXJFZW-30Y	CXJFZW-40Y
名义制冷量(w) Nominal Capacity	库温 ET 8°C		11166	14202	16778	22316	29680	41070	59360	82141	123211	164282
	库温 ET 0°C		8568	11138	12667	17528	23318	32547	46648	65094	97642	130189
	库温 ET -10°C		5555.2	7224	10590	13462	17898	23386	35795	46771	70157	93542
	库温 ET -15°C		4312	6104	8467.2	10326	13731	18771	27440	37542	56314	75085
	库温 ET -20°C		3236.8	4771.2	6294.4	7851.2	10472	14437	20944	28874	43310	57747
	库温 ET -25°C		2374.4	3640	4905.6	5824	7750.4	13339	19981	26678	40018	53357
	库温 ET -30°C		1668.8	2408	3572.8	4200	5611.2	7593.6	11222	15187	22781	30374
	库温 ET -35°C		1097.6	1657.6	2497.6	4126.1	5320	9912	10640	19824	29736	39648
名义工况功率(w) Nominal Power			2311.5	3197	3979	4910.5	6497.5	8763	12535	17066	24219	32292
适用库温范围(°C) Applicable storage temperature range			-40°C ~ 5°C									
控制方式(选配) Control Mode			智能除霜, 远程监控等功能 Intelligent Defrost, Remote Control System, and so on									
节流方式(选配) Throttling Mode			电子膨胀阀 Electronic Expansion Valve									
压缩机 Compressor	型式 Type		全封闭涡旋 Hermetic scroll compressor									
	匹数(HP) Displacement		3	4	5	6	8	10	16	20	30	40
冷凝风机 Condensate fan	型式 Type		高效低噪音轴流式 High efficiency, low noise and axial flow type									
	数量 Num		1	2	2	2	2	2	2	2	/	/
	功率(w) Power		140	180	180	180	300	300	400	400	/	/
接管规格(mm) Connection Size	液管 Liquid		ø12	ø16	ø16	ø16	ø22	ø22	ø22	ø22	ø28	ø28
	气管 Gas		ø12	ø16	ø16	ø16	ø28	ø28	ø35	ø35	ø42	ø54
噪音(dB) Noise			50	52	52	52	58	58	65	65	70	75
外形尺寸(mm) Dimension	长 Length		950	1100	1100	1100	930	1350	1750	1750	2050	2450
	宽 Width		410	478	478	478	772	765	900	900	1100	1200
	高 Height		700	1340	1340	1340	1620	1620	1800	1800	1560	1560
机组重量(kg) Weigh			110	150	165	185	285	325	340	360	745	920

注/Note:

- 1、Nominal working condition: ambient temperature 32 °C, cold storage temperature -20°C.
- 2、The nominal working condition power is the sum of compressor power, condenser fan power and control system power.
- 3、The parameters of the unit will be changed due to the improvement of the product. Please refer to the product nameplate for specific data.
- 4、Please consult the manufacturer before using under other power supply.

低噪音蒸发式冷凝器简介

Low-noise Evaporative Condenser



施乐佰电机，较普通电机节能35%以上
运行时低噪音，适用于噪音敏感区域
电机与风叶一体化设计，运行平稳振动小



纯304不锈钢盘管，耐腐蚀
经过24h高压测试，经久耐用



高压浮球阀，到止水高度时
严格关闭，实时补水效果佳
支持设置客户所需的止水高度

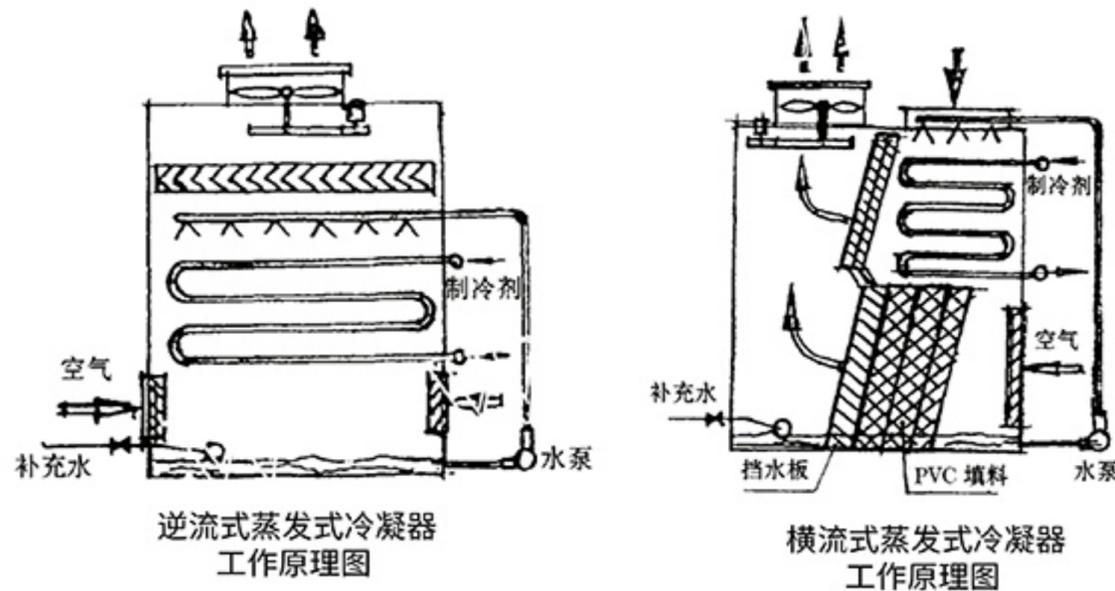


可选配消音毯，增强整体降噪效果



大流量低噪音水泵，低扬尘
耗电少，更节能





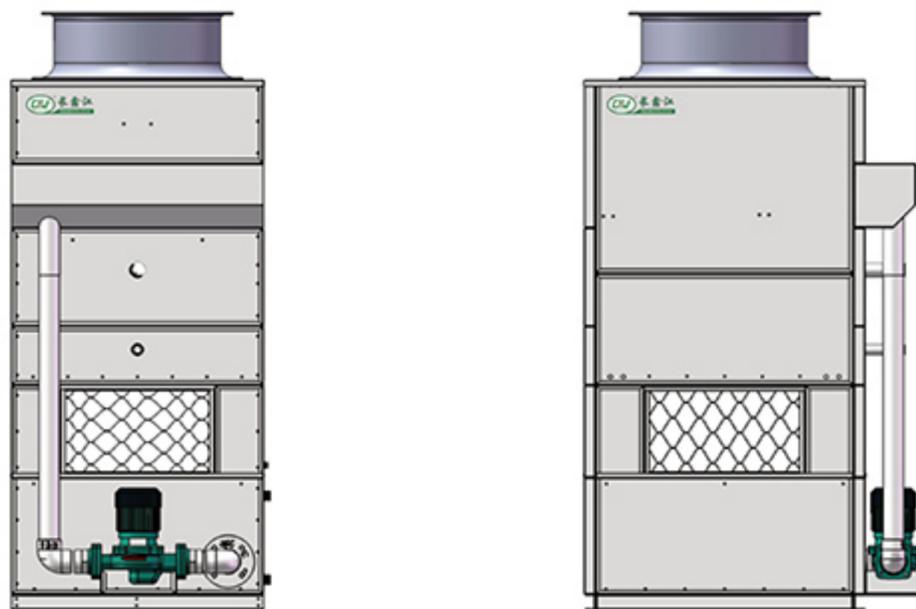
技术特点及优势

Technical features and advantages

- 1、冷凝效果好：蒸发潜热大，空气与制冷剂逆向流动传热效率高。蒸发式冷凝器以环境的湿球温度为驱动力利用盘管水膜的蒸发潜热换热，使冷凝温度接近环境的湿球温度，其冷凝温度可比冷却塔水冷式冷凝器系统低3-5°C，比风冷式冷凝器低8-11°C，这大大降低了压缩机功耗，使系统能效比提高10%-30%。
- 2、节水：利用水的汽化潜热换热，其循环用水量少，考虑到吹散损失、排污换水等，耗水量为一般水冷式冷凝器的5%-10%。
- 3、节能：蒸发式冷凝器冷凝湿度受限于空气湿球温度，而湿球温度一般比干球温度低8-14°C，加上上侧风机给设备内部造成的负压环境，其冷凝温度较低，故压缩机功耗比低，而冷凝器的风机、水泵动力消耗都低，相对于其它冷凝器，蒸发式冷凝器可以节能20%-35%。
- 4、初投资和运行费用都低：蒸发式冷凝器结构紧凑，不需要冷却塔，占地面积小，制造时易于形成整体，给安装维护带来方便。
- 5、可根据客户需求定制。

- 1、 Good condensation effect: large latent heat of evaporation, high heat transfer efficiency of air and refrigerant reverse flow. Driven by the ambient wet bulb temperature, the evaporative condenser uses the evaporation latent heat exchange of coil water film to make the condensation temperature close to the ambient wet bulb temperature. The condensation temperature of the evaporative condenser is 3-5 °C lower than the cooling tower water-cooled condenser system and 8-11 °C lower than the air-cooled condenser system, which greatly reduces the power consumption of the compressor and improves the energy efficiency ratio of the system by 10% - 30%.
- 2、 Water saving: use vaporization latent heat of water for heat exchange, with less circulating water consumption. In consideration of blow loss and sewage water exchange, the water consumption is 5% - 10% of general water-cooled condenser.
- 3、 Energy saving: the condensing humidity of the evaporative condenser is limited by the temperature of the air wet bulb, and the temperature of the wet bulb is generally 8-14 °C lower than that of the dry bulb. In addition, the negative pressure environment caused by the upper side fan to the inside of the equipment, the condensing temperature is low, so the power consumption ratio of the compressor is low, and the power consumption of the fan and water pump of the condenser is low. Compared with other condensers, the evaporative condenser can save 20% - 35% energy.
- 4、 Low initial investment and operation cost: the evaporative condenser has a compact structure, does not need cooling tower, occupies a small area, it' s easy to form a whole during manufacturing and is convenient for installation and maintenance.
- 5、 Customized according to customer needs.

逆流式蒸发式冷凝器技术参数 Counter Flow Evaporative Condenser



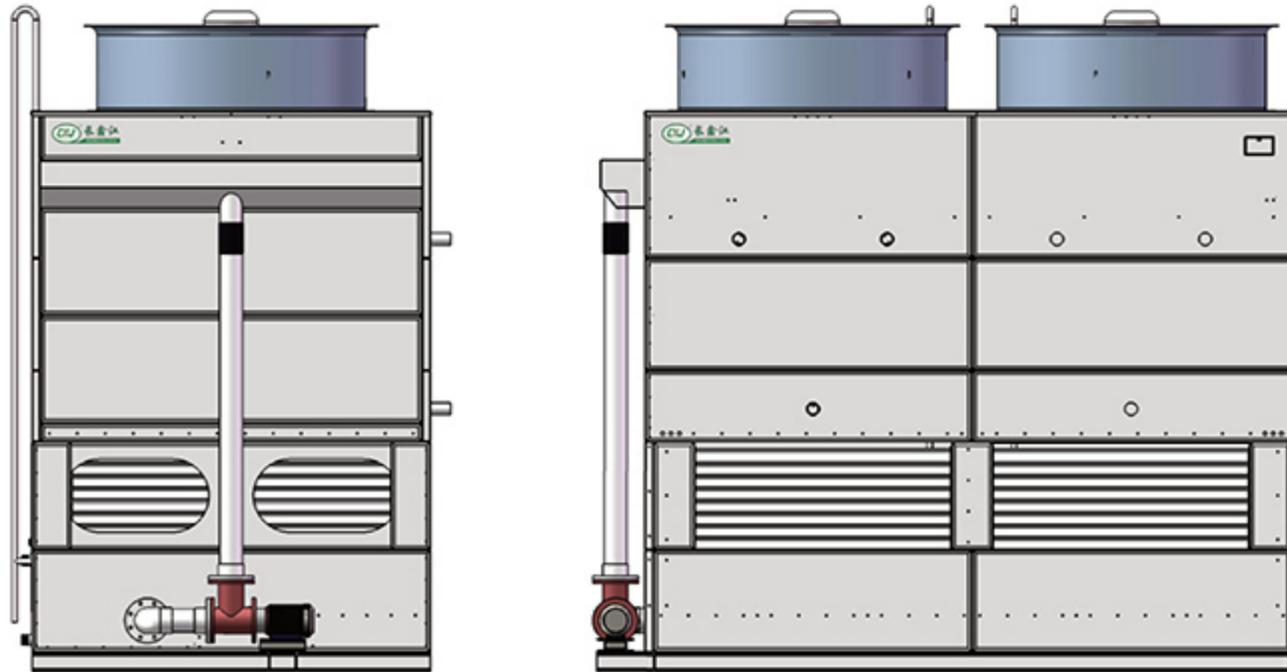
型号 Model	风机功率 (KW) Motor Power	风机流量 (m ³ /h) Motor Flow Rate	水泵功率 (KW) Pump Power	水泵流量 (m ³ /h) Pump Flow Rate	运行重量 (KG) Weigh	外形尺寸(mm) Dimension		
						长 Length	宽 Width	高 Height
40	0.23	3750	0.125	6	380	1049.1	782	1963.5
100	0.84	9500	0.37	16	750	1278	987	2147.5
150	0.84	9500	0.555	21.6	650	1468	1224	2451.5
200	0.94	14500	0.75	24	1100	1660	1316	2641
260	0.94	14500	0.75	28	1200	1702	1356	2935.5
300	1.68	19000	0.75	32	1550	1790	1416	3026
350	1.68	19000	0.75	48	1800	1993	1420	3113.5
400	1.9	23000	0.75	48	2150	2012	1618	3143.5
450	2.52	28500	0.75	50	2200	2106.3	1663	3248.5
500	2.52	28500	0.75	52	2450	2453	1721	3063.1

注/Note:

1、设备参数会因产品的改良而有所变化，恕不另行通知，具体数据请以产品铭牌为准，或咨询生产厂家。

1、The parameters of the equipments will be changed due to the improvement of the product. Please refer to the product nameplate for specific data, or you could consult the manufacturer for help.

逆流式蒸发式冷凝器技术参数
Counter Flow Evaporative Condenser



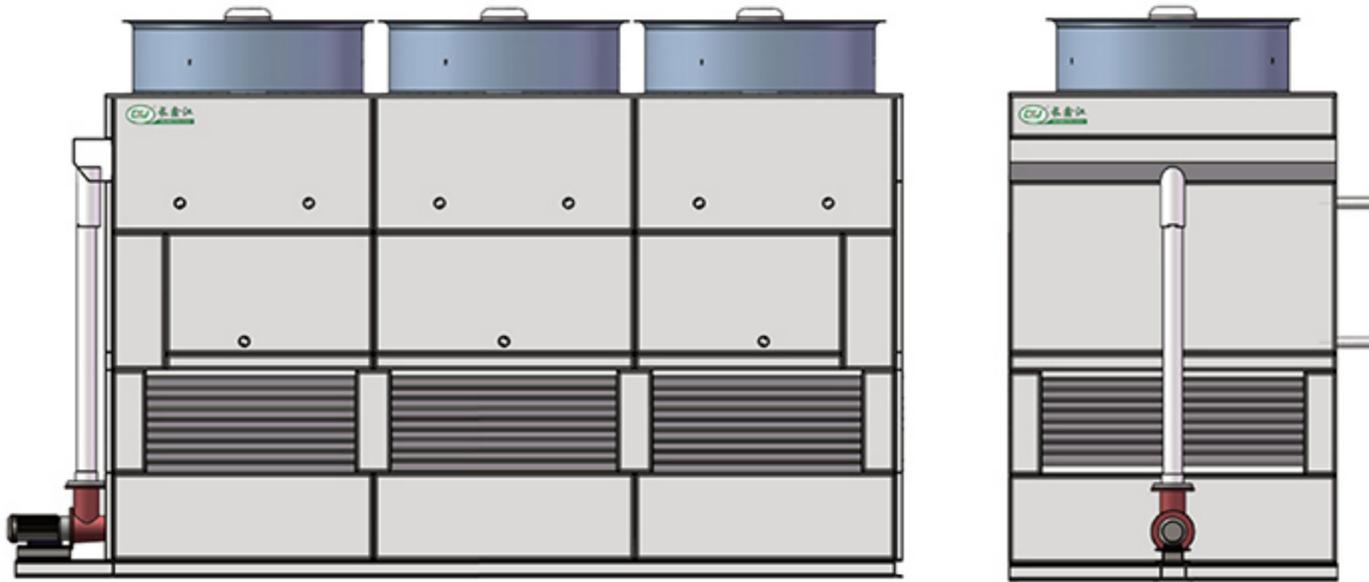
型号 Model	风机功率 (KW) Motor Power	风机流量 (m ³ /h) Motor Flow Rate	水泵功率 (KW) Pump Power	水泵流量 (m ³ /h) Pump Flow Rate	运行重量 (KG) Weigh	外形尺寸(mm) Dimension		
						长 Length	宽 Width	高 Height
600	2.52	28500	0.75	62	4300	3186.4	1530	3248.5
700	3.8	46000	1.1	71	4800	3716	1688	3206
800	3.8	46000	1.5	80	5100	3058.2	1933	3248.2
900	3.8	46000	1.5	82	5300	3390.5	1935	3253.5

注/Note:

1、设备参数会因产品的改良而有所变化，恕不另行通知，具体数据请以产品铭牌为准，或咨询生产厂家。

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逆流式蒸发式冷凝器技术参数 Counter Flow Evaporative Condenser



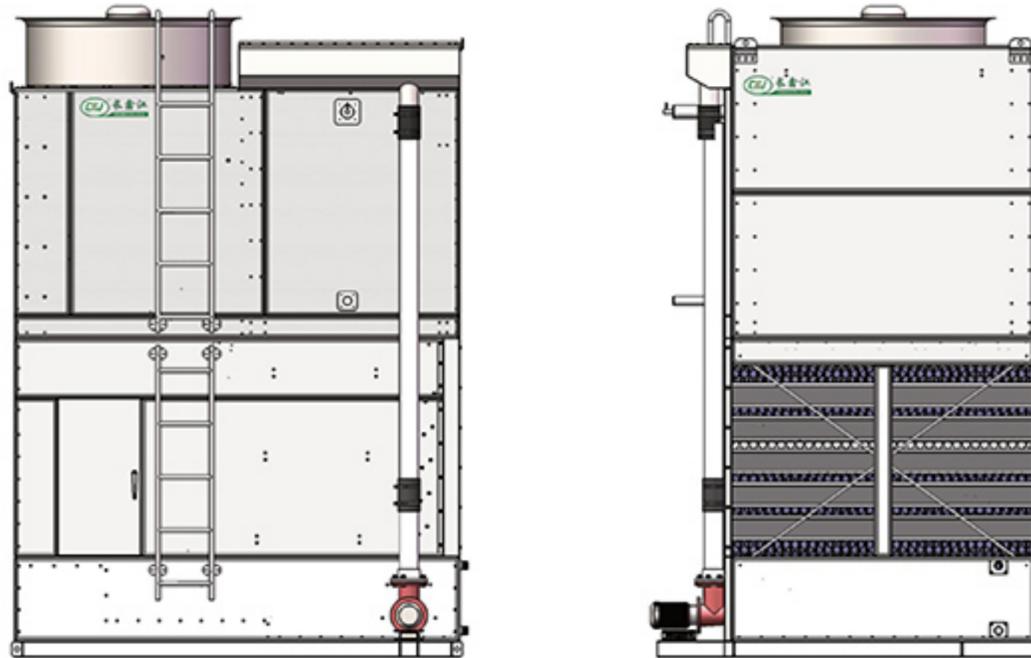
型号 Model	风机功率 (KW) Motor Power	风机流量 (m ³ /h) Motor Flow Rate	水泵功率 (KW) Pump Power	水泵流量 (m ³ /h) Pump Flow Rate	运行重量 (KG) Weigh	外形尺寸(mm) Dimension		
						长 Length	宽 Width	高 Height
1200	5.7	69000	1.5	110	6300	4522.5	1848	3272.2
1600	7.6	92000	2.2	130	9600	5380	2680	4252.2
2000	9.5	115000	2.2	130	9750	5930	3184.8	4363

注/Note:

1、设备参数会因产品的改良而有所变化，恕不另行通知，具体数据请以产品铭牌为准，或咨询生产厂家。

1、The parameters of the equipments will be changed due to the improvement of the product. Please refer to the product nameplate for specific data, or you could consult the manufacturer for help.

横流式蒸发式冷凝器技术参数
Cross Flow Evaporative Condenser



型号 Model	风机功率 (KW) Motor Power	风机流量 (m ³ /h) Motor Flow Rate	水泵功率 (KW) Pump Power	水泵流量 (m ³ /h) Pump Flow Rate	运行重量 (KG) Weigh	外形尺寸(mm) Dimension		
						长 Length	宽 Width	高 Height
400	1.9	23000	0.75	48	2800	2638.5	2286	2911.5
800	3.8	46000	1.1	56	4500	2648	2346	3348.7
1200	5.7	69000	2.2	120	6800	5167	2618	3546.5
1600	5.7	69000	2.2	130	9000	5681.8	2650	4252.2

注/Note:

1、设备参数会因产品的改良而有所变化，恕不另行通知，具体数据请以产品铭牌为准，或咨询生产厂家。

1、The parameters of the equipments will be changed due to the improvement of the product. Please refer to the product nameplate for specific data, or you could consult the manufacturer for help.

蒸发式冷凝器的安装和运行 Installation and Running Instruction of Evaporative Condenser

1、机组应安装在建筑物顶部或平整的支架上，机组轴流风机的排风口必须高于或至少等于圆周转墙的顶端，避免排除的热湿气体回流。

Units should be installed at the top of the building or the formation of the bracket the unit axial on the machine's air vents must be higher or at least equivalent to the top of the revolving round wall , so as to avoid the exclusion of the hot gas to circumfluence.

2、管路：管路布置应符合制冷循环管路安装规范的要求，在冷凝器与高压贮液器之间应安装平衡管，以防止气体堵塞使工质回到冷凝器中。

Pipeline: Piping layout should be consistent with specification requirements of the refrigeration cycle pipe installation, and install the balance tube between the condenser and high-pressure receiver to prevent the gas plug making refrigerant back to the condenser.

3、两台以上冷凝器并联连接时应遵循以下原则：冷凝器出液管端应设置存液U弯,出液管应具有足够的垂直立管，其高度不少于1500mm。

Two or more condensers paralleling connected must follow the principles: It should be set up an U bending to store liquid at the end of the fluid pipe of condenser. Fluid pipe should have enough vertical riser the height of which is no less than 1500mm.

4、贮液器与冷凝器之间的均压管应连接在冷凝器的进口处，出液管处存液弯的作用是建立一定液封，用于抵消冷凝器管组之间出口压力的差别。

Parallel pipe which is between the receiver and condenser should be connected to the condenser entrance, The function of the fluid tub bending department is setting up certain liquid seal to offset the different pressure between the condenser outlet.

5、循环水系统：由于喷淋水的蒸发，水中所含有的矿物质和其它杂质会遗留在水箱中，应定期排放，防止上述物质的聚积，否则水的酸度或矿物质含量会提高，产生腐蚀和水垢。

Circulating water system: As the spray of water evaporation, minerals and other impurities containing in the water will be left in the tank ,should keep regular emissions, to prevent the accumulation of substances, otherwise water acidity or mineral content will be raised, resulting in corrosion and scale.

6、水处理：最简单的方法就是定期更换水箱中的水，这样能较好地防止钢制结构的腐蚀。采用化学药品处理水垢，化学药品必须不影响机组表面镀锌的质量，循环水PH值应保持在6.5~8.0之间，当PH值超过8.3时，就应进行清洗，须用酸处理时，需特别注意，而对于镀锌件只推荐含缓蚀剂的酸进行处理。有关水处理的方案应请有经验的水处理公司制定，或直接委托水处理公司进行水处理。

Water Treatment: The simple way is to regularly replace the water tank of water ,which can prevent corrosion of steel structure. Using chemicals to deal with lime scale, chemicals must not affect the quality of galvanized unit surface, and PH value of circulating water should be maintained between 6.5 ~8.0, if PH value is over 8.3,you must wash it ,and pay attention to deal with it by acid, but we recommend acid containing inhibitors for galvanized pieces. Related to water treatment program it should be invited experienced company in water treatment, or directly submit the water treatment to company.

7、循环水系统的防冻防止结冻最简单有效的方法是采用安装在室内的远置水箱，该水箱的水平面应低于冷凝器，所有冷凝用水都能流到温暖的室内贮水箱内。另外也可用电、蒸汽或热水装置对水箱加热。在冬季环境温度较低时，也可以停开水泵，只用风机工作，在这种情况下，应放净水箱中的水，如装有电加热装置，应处于不工作状态。

Circulating water system antifreeze, the simplest and most effective method of preventing freeze is to install water tank in the house, the level of water in this tank should be lower than the condenser, and all the condensation water can flow to the water receiver in the warm house. In addition, it also can heat the tank with electricity, steam or hot water. When the temperature is low in winter, it can close the water pumps and only open the fan. in this situation, it should discharge all the water in tank, and be in non-working condition if with electric heating device.

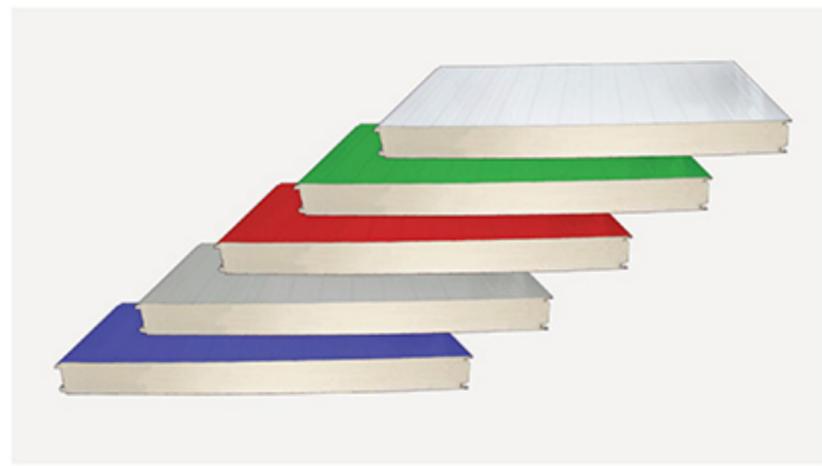
8、进入水箱的水必须经过过滤网(60目)过滤，以防止喷淋系统堵塞。

water accessing to water tanks should be filtrated by filter pack (60 mesh) ,so as to prevent the spray system to be plugged.

9、钢结构支架：钢支撑顶部应平整，水平度应不大于1.7mm/m。钢支撑和底脚安装螺栓由用户选择和自备。

Steel structure bracket: Steel support at the top should be flat and level of degree should be no greater than 1.7mm / m. Steel support and legs at the end of the installation of bolts is choused by the users and their owned.

冷库门及保温板系列 Cold Storage Insulation Doors and Boards

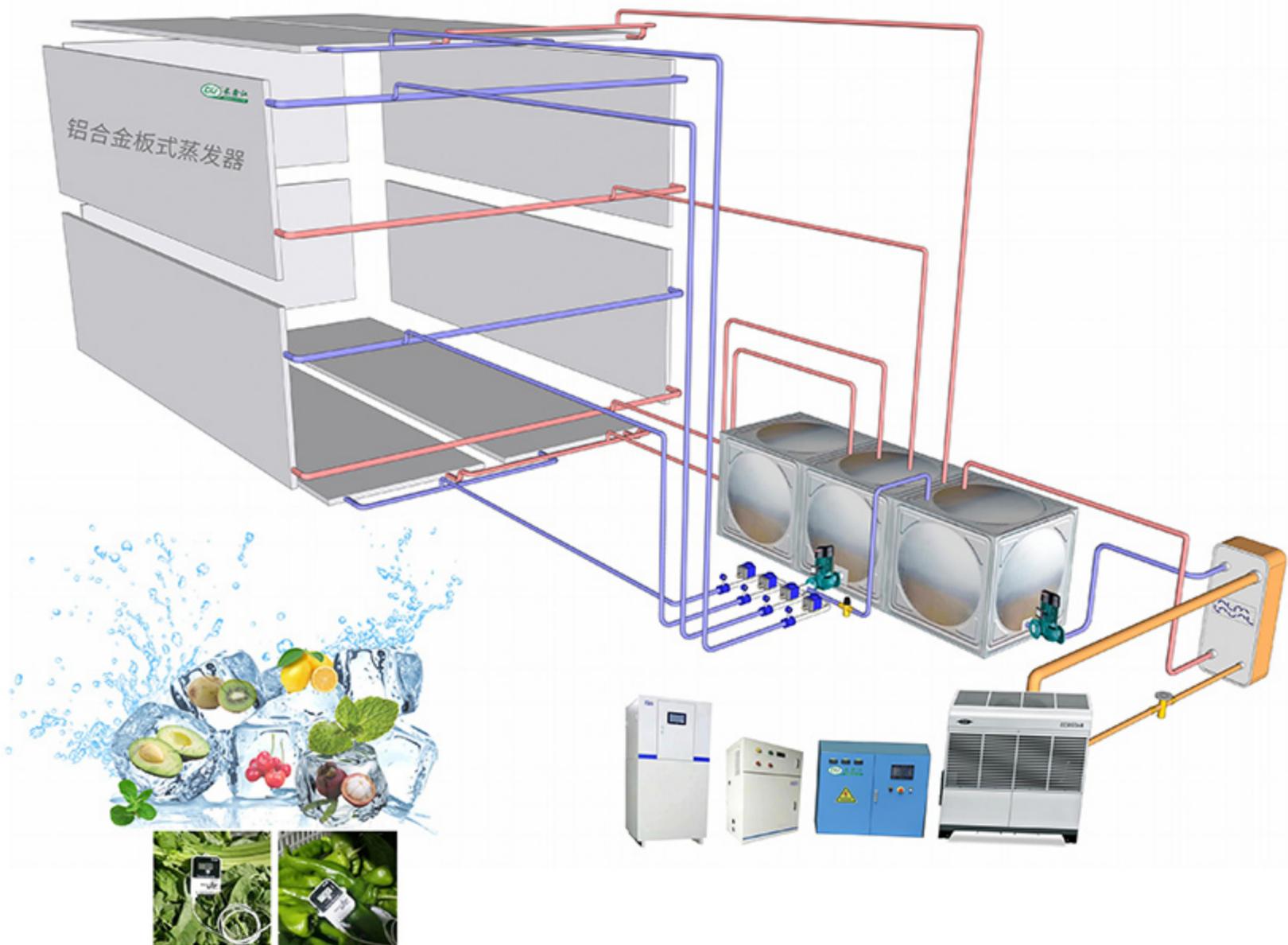


长鑫江同时提供电动/手动、单开/双开、平移/卷帘等各式冷库保温门，及保温板供您选择，欢迎来电垂询。

Electric/manual, single-door/double-door, sliding/rolling cold storage insulation doors and boards are also available. Welcome to inquiry.

恒温冰温库

Constant Temperature Controlled Freezing-point Storage



随着生活质量的提高，人类对蔬果保鲜的品质要求也越来越高。蔬果的最佳储藏温度范围较窄，且过大的温度波动会导致蔬果储藏的品质降低甚至变坏。我们把 0°C 以下食品冰点以上的温度区域定义为冰温带，不同食品的冰温带不尽相同，把库温维持在冰温带的冷藏库称为冰温库。

恒温冰温库主要由变频冷水机组、多温变流量水系统、高效板式换热器、PID智能控制系统、库体等重要部分组成。变频冷水机组根据末端冷量需求，控制压缩机组运行频率，以达到系统最佳能效，节能省电。多温变流量水系统根据库内各区域的温度值来控制冷冻水的输出温度以及流量，保证库内各区域温度值高度一致。高效板式换热器为特别研制的热交换器，传热效率高，防腐性强。PID智能控制系统为整个冷库系统的核心，通过PID智能控制调节冷水机组的输出频率、冷冻水温度、冷冻水流量，使库内温度达到均匀度高且波动度低的效果。

环境实验低温设备及保温

Environmental Testing Refrigeration Equipments and Insulation Board



注/Note:

制冷机组及保温板，可根据客户要求，定制非标产品，欢迎垂询。
Non-standard products can be customized according to customer's requirements. Welcome to inquiry.

制冷精品尽在长鑫江制冷

重庆长鑫江制冷设备有限公司成立于2016年8月，是集设计、研发、制造、销售、售后服务于一体的专业制冷设备生产企业，主要生产风冷/水冷冷凝机组、大型螺杆机组、并联机组、环试低温复叠机组、蒸发式冷凝器、排管蒸发器、冷库机制保温板、保温门等。



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