



# Guangzhou Icesource Co., Ltd.

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[website]

Guangzhou Icesource Co., Ltd.



# INTRODUCTION

Guangzhou Bingyuan Refrigeration Co., Ltd. (A affiliate company of Guangzhou Icesource Co., Ltd. which focused on cold storage), based domestic and global oriented, is an international cold storage solution service provider integrated development, design, production, construction, installation and after–sales service. CBFI professionally builds all kinds of medium and high–end cold storage, focusing on food processing cold storage, GMP–certified food and medicine cold storage, auto–stereo cold storage, large indoor ice and snow playground, large–scale integrated cold storage, etc., widely used in food processing, medical, indoor ice and snow entertainment, food storage and other industries.

Guangzhou Bingyuan Refrigeration Co., Ltd. has been focusing on the cold storage industry for nearly ten years. CBFI has a strong technology and engineering construction team. We have strong equipment production and delivery capability, outstanding engineering construction capability, and more than 40 R&D teams with multiple middle and senior refrigeration engineers and electrical engineers. We also have close ties and deep cooperation with many authoritative design institutes in China. The company can provide customers with cold storage engineering project general contracting (EPC), providing full–process services from project conception, design, cost, equipment production, engineering installation, commissioning and delivery, technical training, after–sales service and operational data monitoring. Bingyuan Refrigeration continuously serves high–end customers in the cold chain industry in Europe and America. It has accumulated and absorbed many advanced foreign cold storage engineering experiences, and has advanced cold storage design concepts and rich engineering delivery experience.

Company adhering to the "Customers Benefit From Icesource" business philosophy, to provide our clients with quality services.

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# CERTIFICATION AND OUR HONORS

- ★ In 2008, strategic partners for edible ice suppliers of the Beijing Olympic Games.
- ★ In 2010, strategic partners for edible ice suppliers of Guangzhou Asian Games and Shanghai Expo.
- ★ In 2010, the first large-scale fluorine block ice plant in the world with a capacity of 100 tons per day was successfully developed and built by Icesource in Malaysia.
- ★ In 2015, the company was awarded the national 'high-tech enterprise' and obtained the certificate of high-tech products of Guangdong Province.
- ★ In 2016, the company was named 'Guangzhou Enterprise Research and Development Organization'.
- ★ In 2017, the 'Guangdong Ice-making Equipment Engineering Technology Research Center' was listed.
- ★ In 2018, the company was named 'Outstanding Enterprise in Guangdong Province'.
  the company was selected as 'The Top 500 Enterprises in Guangdong for Innovation Ability',
  the only one in the ice making equipment industry.
  the company was certified by the national 'Intellectual Property Management System'.
  the company was named "The Most Popular Cold Chain Logistics Supplier" by China
  (Guangzhou) International Fisheries Expo.
- ★ In 2019, CBFI passed the United Nations qualification review and became the registered supplier of the United Nations Global Market, registration number is 601126, was rated as 'The Best Employer Company in Guangdong Province', and reached a strategic cooperation with the international compressor giant Bitzer. CBFI was named 'The Most Popular Cold Chain Logistics Supplier' by China (Guangzhou) International Fisheries Expo.
- ★ In June 2020. CBFI was selected as 'The Vice Chairman Unit of Guangdong Cold Chain Association'.



High-tech Enterprise



ISO19001 Quality Management System



Construction Enterprise Qualification



ISO18001 Occupational Health and Safety Management System



The Vice Chairman Unit of Guangdong Cold Chain Association



ISO14001 Environment Management System



High-tech Product Certificate - Intelligent Cold Room Unit



Certificate of After-Sales Service Certification



The Most Popular Cold Chain Logistics Supplier



Guangdong Provincial Outstanding Enterprise



Bitzer Strategic Cooperative Equipment Dealer



Guangdong Provincial High Credit Enterprise



Top 500 Innovative Enterprise in Guangdong Province



Member of the Chinese Association of Refrigeration



Guangdong Ice Making Equipment EngineeringTechnology Research Center



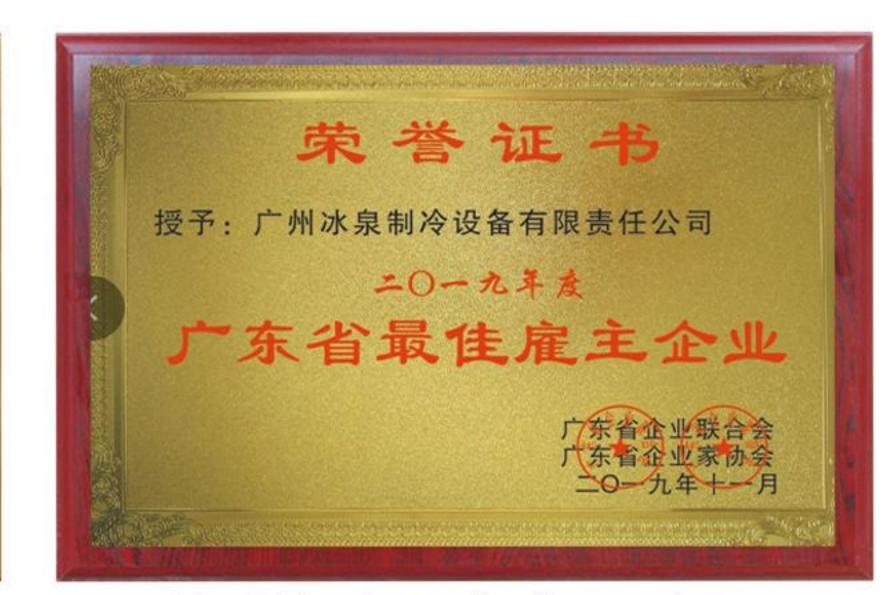
Guangzhou R&D Institution Certificate



**Business License** 



Guangdong Provincial Standing Director Unit



Best Employer In Guangdong

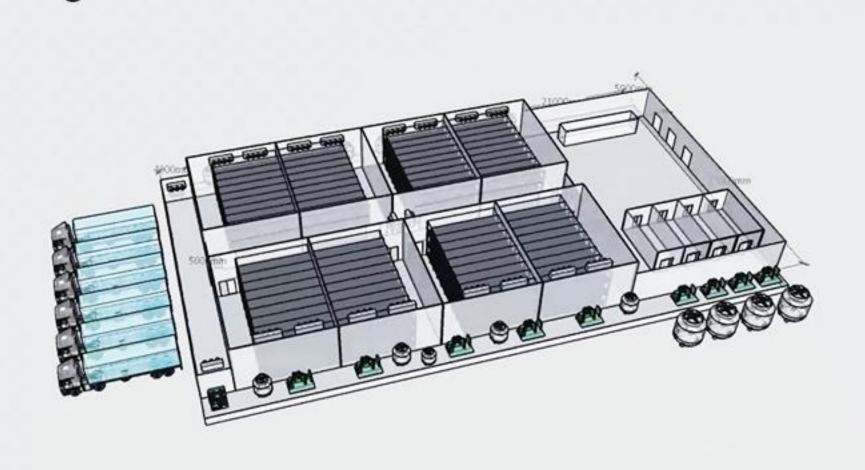
# TURN KEY PROJECT MAKE COST-EFFECTIVE COLD STORAGE SOLUTION

CBF

Customized cold storage construction solution meets project needs

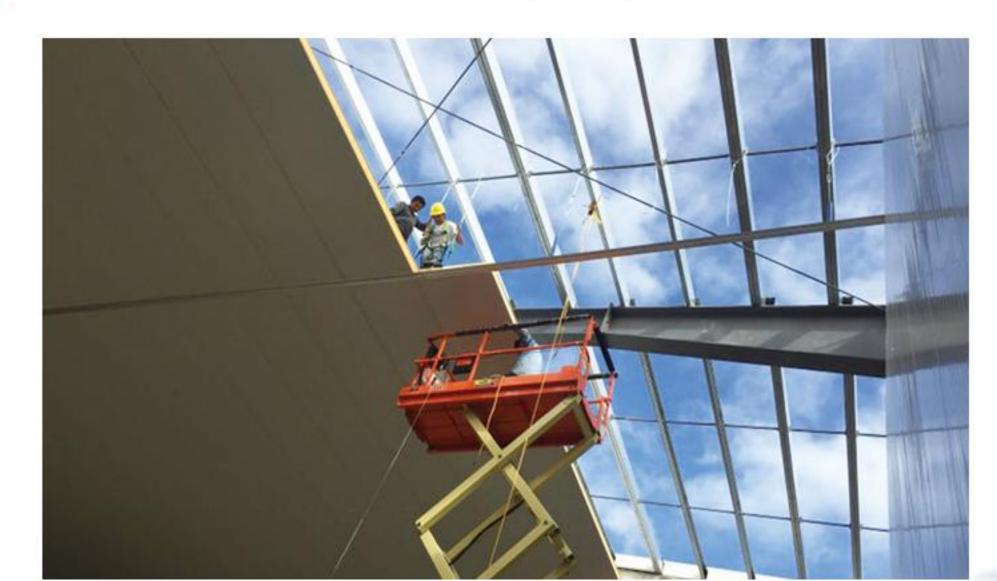
### 1.Cold Storage

Senior refrigeration engineers create an economical and professional cold storage



### 4.Cold Storage Building

The experienced construction team pays attention to every detail of the construction, safety construction and quality assurance.



### 2.Cold Storage Cost

According to the size, temperature requirements, refrigeration equipment requirements, etc. To make detailed cold storage project cost list.



### 5.Cold Storage Installation

Professional equipment installation engineers install refrigeration equipment in strict accordance with the requirements to ensure stable operation of the system.



### 3.Cold Storage Products

The self-owned factory produces and sales refrigeration units to effectively control equipment costs.



### 6.After-sales Service

One year free maintenance, 24 hours after sale, cold storage maintenance service is efficient and fast.





#### 1.Admission Starts

The ground leveling is done by the owner. Engineer enters and counts items.



#### 2. Wall Panel Installation

The joints between panels are well sealed, and the standard cold-breaking treatment is an important embodiment of the quality of the board installation.



#### 3.Roof Mounting

The top plate is made of 150mm and 100mm thick double-sided 0.426mm mechanism color steel



#### 4. Ground Treatment

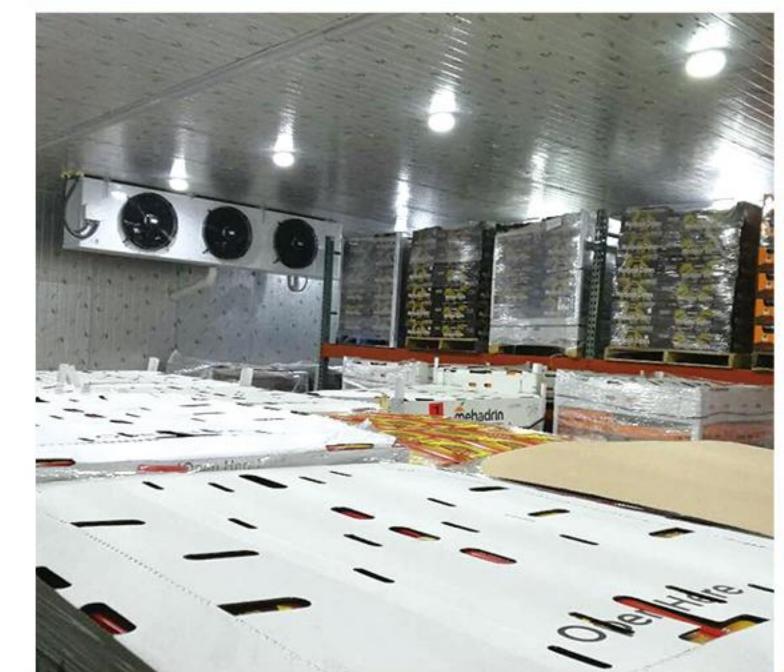
Divided into 6 steps of linoleum paper moisture-proof, extruded board insulation, film waterproofing, paving steel, paving cement and cement floor grinding.

# PROCESS



### 5. Equipment Installation

It is divided into three major steps: cold storage door installation, chiller installation, and main unit evaporative cold installation.



One year free maintenance, 24 hours after sale, cold storage maintenance service is efficient and fast.

9. After-sales Service



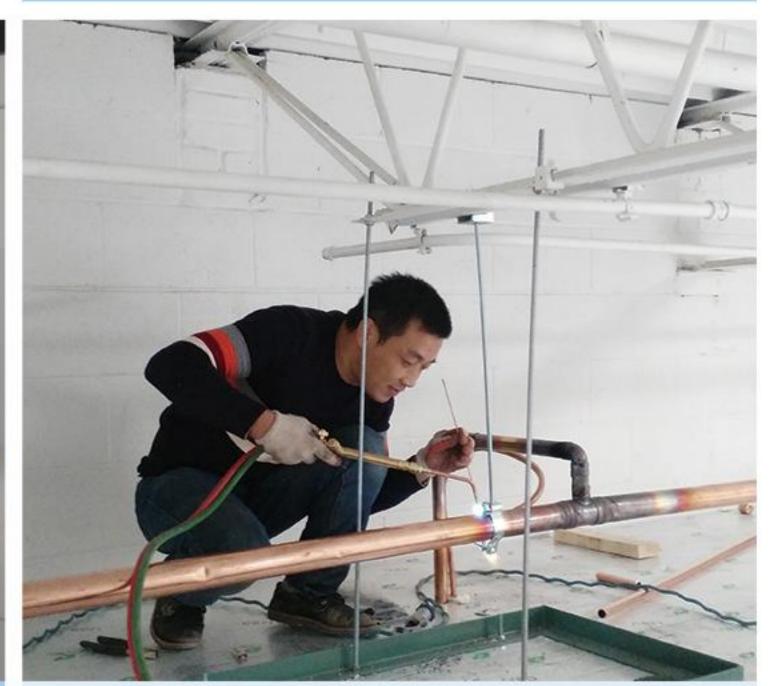
### 8.Delivery

From completing each step to commissioning the refrigeration system, a complete cold storage can be delivered to the customer.



### 7.Commissioning

Adjust the value of the cold storage, test the cold storage, the cold storage can reach the predetermined temperature, the cooling speed and the cold storage are running normally.



6.Pipeline Installation

According to the nature and use of its work, it can be divided into drainage pipes, heating pipes, ammonia or Freon pipes and oil pipelines.



# PROJECT MANAGEMENT 项目管理

# 某冷库解决方案内部进度计划表 E.G.: COLD ROOM PROJECT X INTERNAL PROCESS & PLAN

Confirmation of purchased devices drawings Production process map Refrigeration system drawings Major materials List Shipping materials list Construction drawing Electronics list Electronics list Electronics list Remote Al Control System Manual, warranty card Frascold compressor Evaporative condenser Refrigerant reservoir Air cooler Purchasing department Cold room panels Air curtain Cold room doors  Production department Cold room doors  Machine production Other ancillary materials Freight forwarding and route confirmation Shipping arrangement Commissioning Installation Installation Commissioning	No.	Dept.	Content
Production process map  Refrigeration system drawings  Major materials List  Shipping materials list  Construction drawing  Electronics list  Electrical control chart  System programs  Remote Al Control System  Manual, warranty card  Frascold compressor  Evaporative condenser  Refrigerant reservoir  Air cooler  Purchasing department  Cold room panels  Air curtain  Cold room doors  Production department  Cold room doors  Machine production  Other ancillary materials  Freight forwarding and route confirmation  Shipping arrangement  Installation  Installation	1		Outsourcing requirements
Refrigeration system drawings  Major materials List  Shipping materials list  Construction drawing  Electronics list  Electrical control chart  System programs  Remote Al Control System  Manual, warranty card  Frascold compressor  Evaporative condenser  Refrigerant reservoir  Air cooler  Purchasing department  Cold room panels  Air curtain  Cold room doors  Machine production department  Cold room body installation  Engineering department  Engineering department  Engineering department  Engineering department  Engineering department  Engineering department  Installation	2		Confirmation of purchased devices drawings
5 Major materials List 6 Technical department 7 Shipping materials list Construction drawing 8 Electronics list 9 Electrical control chart 10 System programs 11 Remote AI Control System 12 Manual, warranty card 13 Frascold compressor Evaporative condenser 14 Evaporative condenser 15 Refrigerant reservoir 16 Air cooler 17 Purchasing department 18 Other refrigeration components Cold room panels Air curtain 20 Air curtain 21 Cold room doors 22 Production department 23 Machine production Cother ancillary materials 24 Logistics department 25 Freight forwarding and route confirmation Shipping arrangement 26 Cold room body installation Installation	3		Production process map
Shipping materials list Construction drawing Electronics list Electrical control chart System programs Remote Al Control System Manual, warranty card Frascold compressor Evaporative condenser Refrigerant reservoir Air cooler Economizer Other refrigeration components Cold room panels Air curtain Cold room doors Air curtain Cold room doors Air curtain Cold room doors Freight forwarding and route confirmation Shipping arrangement Cold room body installation Installation	4		Refrigeration system drawings
7 department Construction drawing  8 Electronics list  9 Electrical control chart  10 System programs  11 Remote AI Control System  12 Manual, warranty card  13 Frascold compressor  Evaporative condenser  Refrigerant reservoir  Air cooler  17 Purchasing department  18 Other refrigeration components  Cold room panels  Air curtain  Cold room doors  Machine production  department  Cold rowarding and route confirmation  Shipping arrangement  Cold room body installation  Installation	5		Major materials List
Electronics list  Electrical control chart  System programs  Remote Al Control System  Manual, warranty card  Frascold compressor  Evaporative condenser  Refrigerant reservoir  Air cooler  Economizer  Other refrigeration components  Cold room panels  Air curtain  Cold room doors  Production department  Cother ancillary materials  Freight forwarding and route confirmation Shipping arrangement  Cold room body installation  Installation	6	Technical	Shipping materials list
9 Electrical control chart  10 System programs  Remote Al Control System  Manual, warranty card  13 Frascold compressor  Evaporative condenser  Refrigerant reservoir  Air cooler  Purchasing department  Economizer  Other refrigeration components  Cold room panels  Air curtain  Cold room doors  Machine production department  Preight forwarding and route confirmation  Shipping arrangement  Cold room body installation  Installation	7	department	Construction drawing
Remote Al Control System  Remote Al Control System  Manual, warranty card  Frascold compressor  Evaporative condenser  Refrigerant reservoir  Air cooler  Purchasing department  Cold room panels  Air curtain  Cold room doors  Air curtain  Cold room doors  Machine production department  Cold rowarding and route confirmation  Shipping arrangement  Cold room body installation  Installation	8		Electronics list
11 Remote Al Control System  12 Manual, warranty card  13 Frascold compressor  14 Evaporative condenser  15 Refrigerant reservoir  16 Air cooler  17 Purchasing department  18 Other refrigeration components  19 Cold room panels  20 Air curtain  21 Cold room doors  22 Production department  23 Machine production  24 Logistics department  25 Freight forwarding and route confirmation  26 Shipping arrangement  27 Engineering department  28 Installation	9		Electrical control chart
12 Manual, warranty card  13 Frascold compressor  14 Evaporative condenser  15 Refrigerant reservoir  16 Air cooler  17 Purchasing department  18 Other refrigeration components  19 Cold room panels  20 Air curtain  21 Cold room doors  22 Production department  23 Machine production  24 Logistics department  25 Shipping arrangement  26 Cold room body installation  Installation	10		System programs
Frascold compressor  Evaporative condenser  Refrigerant reservoir  Air cooler  Economizer  Other refrigeration components  Cold room panels  Air curtain  Cold room doors  Production department  Cold room doors  Logistics department  Cold rowarding and route confirmation  Shipping arrangement  Cold room body installation  Installation	11		Remote Al Control System
Evaporative condenser  Refrigerant reservoir  Air cooler  Purchasing department  Cold room panels  Air curtain  Cold room doors  Production department  Cold room doors  Logistics department  Cold rowarding and route confirmation  Shipping arrangement  Cold room body installation  Evaporative condenser  Refrigerant reservoir  Air cooler  Economizer  Other refrigeration components  Cold room panels  Air curtain  Cold room doors  Freight forwarding and route confirmation  Shipping arrangement  Cold room body installation  Installation	12		Manual, warranty card
Refrigerant reservoir  Air cooler  Economizer  Other refrigeration components  Cold room panels  Air curtain  Cold room doors  Production department  Cold room doors  Machine production  Other ancillary materials  Freight forwarding and route confirmation  Shipping arrangement  Cold room body installation  Installation	13		Frascold compressor
Air cooler  Purchasing department  Cother refrigeration components  Cold room panels  Air curtain  Cold room doors  Production department  Cother ancillary materials  Logistics department  Cold room body installation  Engineering department  Air cooler  Economizer  Cother refrigeration components  Cold room panels  Air curtain  Cold room doors  Freight forwarding and route confirmation  Shipping arrangement  Cold room body installation	14		Evaporative condenser
17 Purchasing department  18 Other refrigeration components  19 Cold room panels  20 Air curtain  21 Cold room doors  22 Production department  23 Other ancillary materials  24 Logistics department  25 Shipping arrangement  26 Cold room body installation  Installation	15		Refrigerant reservoir
17 department  18 Other refrigeration components  19 Cold room panels  20 Air curtain  21 Cold room doors  22 Production department  23 Other ancillary materials  24 Logistics department  25 Shipping arrangement  26 Cold room body installation  Installation	16		Air cooler
Cold room panels  Air curtain  Cold room doors  Production department  Other ancillary materials  Logistics department  Cold room body installation  Cold room panels  Air curtain  Cold room doors  Machine production  Other ancillary materials  Freight forwarding and route confirmation  Shipping arrangement  Cold room body installation	17		Economizer
20 Air curtain  21 Cold room doors  22 Production department  23 Other ancillary materials  24 Logistics department  25 Shipping arrangement  26 Cold room body installation  27 Engineering department	18		Other refrigeration components
21 Cold room doors  22 Production department  23 Other ancillary materials  24 Logistics department  25 Shipping arrangement  26 Cold room body installation  27 Engineering department	19		Cold room panels
22 Production department  23 Other ancillary materials  24 Logistics department  25 Shipping arrangement  26 Cold room body installation  27 Engineering department  28 Installation  Machine production  Other ancillary materials  Freight forwarding and route confirmation  Shipping arrangement  Cold room body installation	20		Air curtain
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24 Logistics department  25 Cold room body installation  27 Engineering department  Control anciliary materials  Freight forwarding and route confirmation  Shipping arrangement  Cold room body installation  Installation	22	Production	Machine production
25 Cold room body installation  26 Engineering department  Logistics department  Shipping arrangement  Cold room body installation  Installation	23		Other ancillary materials
25 Snipping arrangement  26 Cold room body installation  27 Engineering department	24	tion to the second seco	Freight forwarding and route confirmation
27 Installation	25	department	Shipping arrangement
department	26		Cold room body installation
department Commissioning	27		Installation
Commissioning	28		Commissioning
29 Engineering tool list	29		Engineering tool list

D-06

某冷库解决方案图纸计划表 E.G.: COLD STORAGE SOLUTION DRAWING PLAN

Drawing number	classification	name
	List	Large list (compressor, condenser, chiller)
		Low temperature library unit production list
		High temperature pre-cooling unit production list
		Ice storage unit production list
		Electrical delivery list
		Library shipping list
		Refrigeration delivery list
A-01		Low temperature room machine unit frame diagram
A-02		High temperature pre-cooling storage machine unit frame diagram
A-03		Ice storage machine unit frame diagram
A-04		Low temperature room system diagram
A-05		High temperature pre-cooling room system diagram
A-06		Ice storage room system diagram
A-07		Siphon production diagram
A-08	Eactory processing man	Confirmation of the refrigerant reservoir drawing (requires a authentic pressure vessel certificate)
A-09	Factory processing map	Cold room body parts processing diagram
A-10		Low temperature room electric circuit diagram
A-11		High temperature pre-cooling room machine electric circuit diagram
A-12		Ice storage room machine electric circuit diagram
A-13		Low temperature room machine electric control program
A-14		High temperature pre-cooling room machine control program
A-15		Ice storage room machine electric
A-16		Internet of things remote monitoring
B-01		External processing diagram schematic (including technical requirements)
B-02		Room body & panels diagram (same as construction drawing)
B-03	External processing map	Refrigerant reservoir (confirmed by supplier)
B-04		Evaporative condenser schematic (confirmed by supplier)
B-05		electric box diagram
C-01		Construction drawing project design description
C-02		Cooling plan
C-03		Construction area guide
C-04		Ground elevation map
C-05		Ground treatment map
C-06		Panels layout
C-07		Room construction drawing
C-08		Ceiling construction drawing
C-09	Construction drawing	Drainage perspective
C-10		System perspective
C-11		equipment location map
C-12		equipment room location map
C-13		system pipeline layout
C-13		air cooler drain pipe diagram
C-14		Defrost tank positioning map
C-15		
D-01		On-site electrical circuit diagram (including trunking)  Drawing to customer's drawing Cooling plan (same as C-02)
D-02		Ventilation tube diagram of low temperature refrigerator
D 02		Law tomporature refrigerator cirfless direction discovery
D-03 D-04	Give customers drawings	Low-temperature refrigerator airflow direction diagram  Computer room building sketch

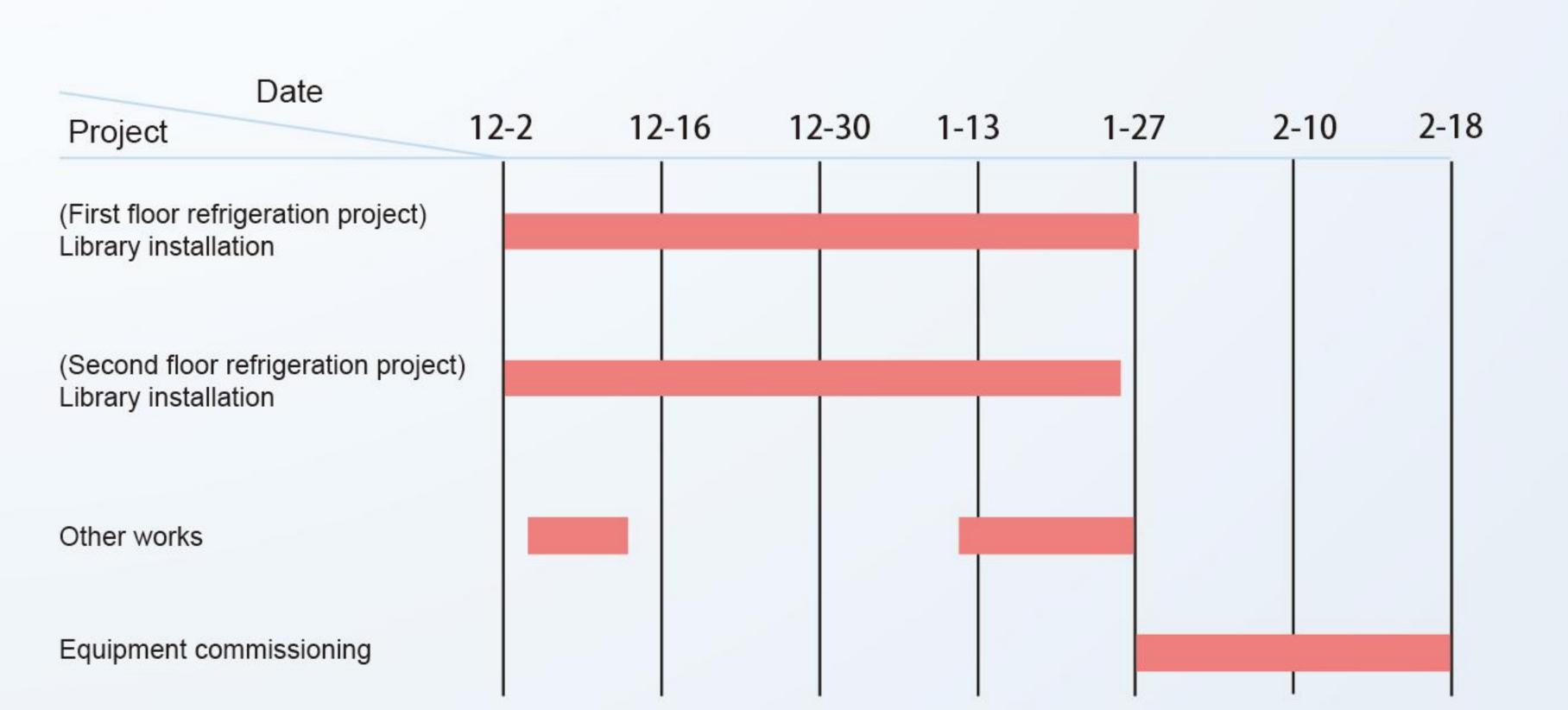
Ground treatment map (same as C-05)

# ▶ 某冷库解决方案工程施工进度表 E.G.: CONSTRUCTION SCHEDULE OF A COLD STORAGE SOLUTION PROJECT

	Ground angle steel installation	
		Panels entry
		Wall panel installation
	Low temperature reservoir ground waterproofing project (civi construction)	
		Ground insulation project
	Ground reinforced concrete (construction)	
		Ground mechanical polishing (civil construction)
		Hanging beam installation
		Roof entry
		Roof mounting
		Door and window installation
		Arc aluminum and edge mounting
		Sealant treatment
	(Eirot floor refrigeration	Cold room installation project completed
	(First floor refrigeration project)	Refrigeration system installation
	Library installation	Cooling main line installation
		Computer room basic engineering (civil construction)
		Computer room equipment positioning installation
		Cooling tower installation
		Cooling water pipe installation
		Cooling fan installation in the room
	Refrigeration copper tube welding	
	Electrical wiring	
	Drain installation	
	Pipe packing pressure	
	Pipe brush antirust paint	
	Pipe insulation	
	Vacuum	
	Electrical line inspection	
		Refrigeration system installation completed

	Perimeter waterproof delivery (civil construction)
	Ground angle steel installation (waterproof and cold)
	Perimeter waterproof protection (civil construction)
	Wall panel entry
	Wall panel installation
	Ground waterproofing project (civil construction)
	Ground insulation project
	Cooling main line installation
	Computer room foundation engineering
(Second floor refrigeration	Computer room equipment approach positioning installation
project)	Cooling tower installation
Library installation	Cooling water pipe installation
	Cooling fan installation in the room
	Refrigeration copper tube welding
	Electrical wiring
	Drain installation
	Pipe packing pressure
	Pipe brush antirust paint
	Pipe insulation
	Vacuum
	Refrigeration system installation completed
	Exhaust fan installation
	Air curtain installation
	Quick door installation
	Heat recovery system installation
Other works	Insulation hot water tank installation
	Roof house canopy installation
	1# cold storage installation project
	Office building air conditioning installation
	Fire inspection
	Power supply
	Refrigeration system filling refrigerant
Equipment commissioning	Electrical line inspection and testing
	Commissioning

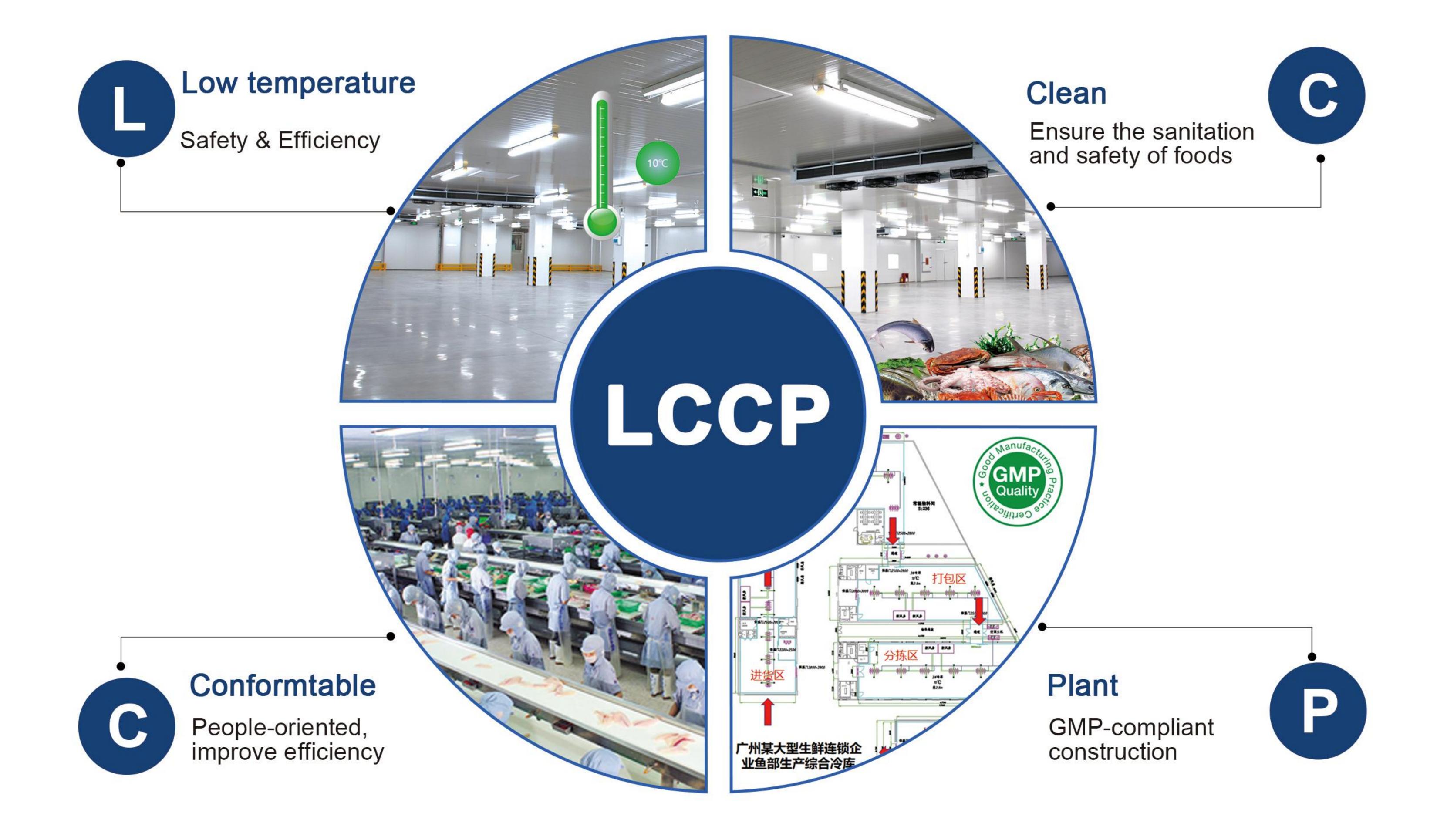
### Construction Schedule







# LCCP LOW TEMPERATURE CLEAN COMFORTABLE FOOD PROCESSING PLANT COLD STORAGE



CBFI takes the lead in the industry to propose the "LCCP" cold storage concept (Low-temperature Clean and Comfortable Plant)

By strictly controlling temperature, humidity, cleanliness, fresh air, etc., the hygiene, quality and safety of food are ensured from the source, and the comfort of the working environment is improved.

# FOOD COLD CHAIN LOGISTICS

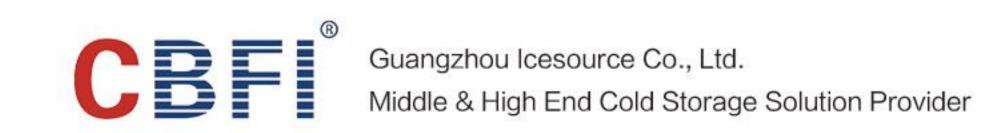


Food processing is the starting point of all links in the whole food cold chain logistics. The quality of food processing directly determines the quality of food. There are many factors affecting the quality of food processing, and one of the important points is the food processing plant. Food processing workshops have a negligible impact on food quality, especially in the primary processing of fruits and vegetables, livestock and poultry slaughter, and aquatic products processing, which place high demands on the processing workshop. CBFI is committed to the construction of food processing workshops, and has taken the lead in the industry to propose the concept of "LCCP" (low temperature clean and comfortable food processing plant) to help improve the quality of food from the source.

# CASE INTRODUCTION

Guangzhou Qiandama Agricultural
Products Co., Ltd. and CBFI have
formed a multidimensional cooperative
relationship, three LCCP
(Lowtemperature, Clean, Comfortable,
Plant) advanced food processing and
distribution center in Shenzhen,
Dongguan and Guangzhou have been
built.





# CASE INTRODUCTION

# LCCP Food Processing Plant Cold Storage

The LCCP food processing workshop is a cold source processing workshop constructed in accordance with international standards, through strict control of indoor parameters such as temperature, humidity, cleanliness and fresh air, to ensure the hygiene, quality and safety of food, and to improve the comfort of the working environment.





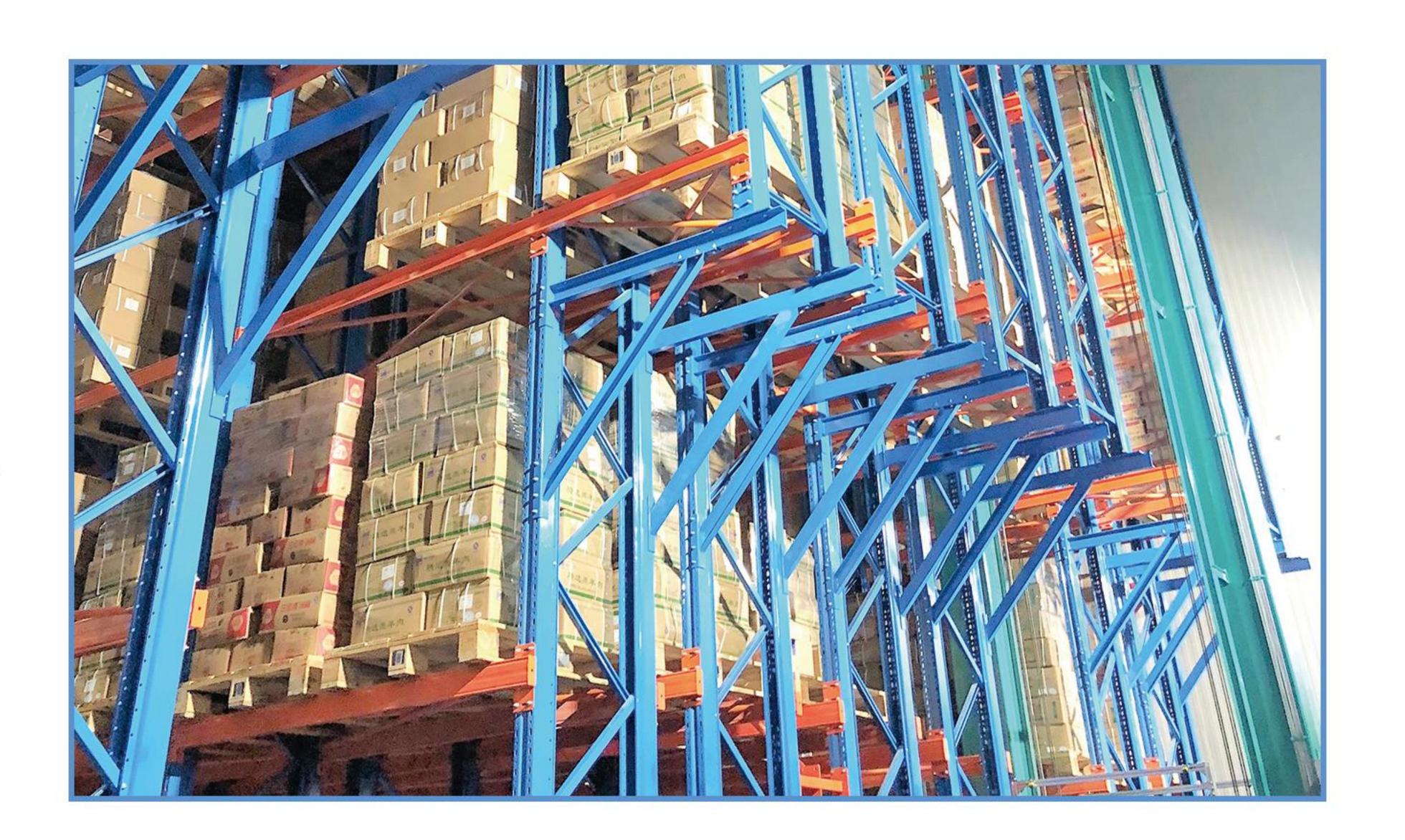


# Qiandama-LCCP Food Processing Plant Cold Storage

Guangzhou Qiandama Agricultural Products Co., Ltd. mainly operates fresh supermarket chains, and now has more than 1,200 supermarket chains, which are widely distributed in Guangzhou, Foshan, Shenzhen, Dongguan, Zhuhai, Zhongshan, Huizhou, Qingyuan, Zhaoqing, Jiangmen and Hong Kong. Qiandama and our company have established a multi-faceted cooperative relationship. We have cooperated in Shenzhen, Dongguan and Guangzhou to build modernized aquatic product processing and distribution centers under Europe and America Standard. Professional processing center design, sufficient product line, strong technical strength and excellent after-sales service capability are the guarantee for our successful and continuous service to customer. At present, we have cooperated with a total cold storage volume of 25,000 cubic meters. The sorting, packaging and storage of aquatic products processing have achieved full cold source coverage, comprehensively guarantee food quality and improve production efficiency.

# Auto Pallet Cold Storage

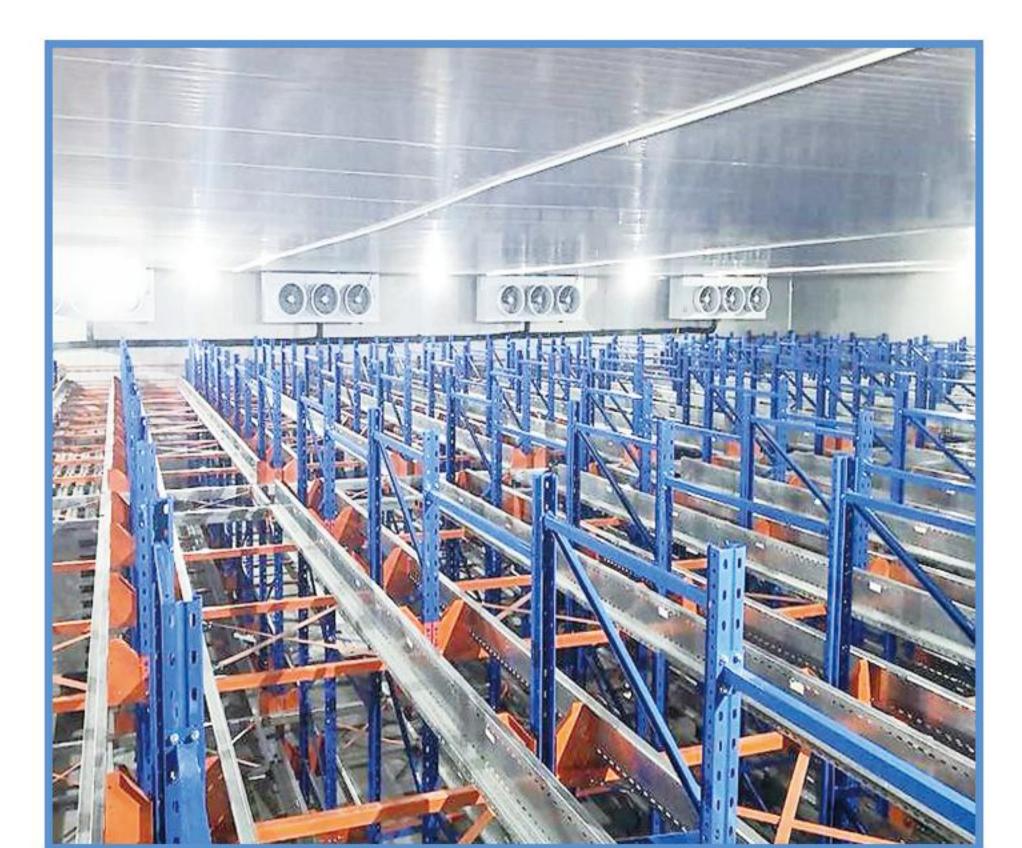
The auto pallet cold storage is a new-generation cold storage system that uses an automatic control system to realize the fully automated operation of the refrigeration system and the loading and unloading cargo system.



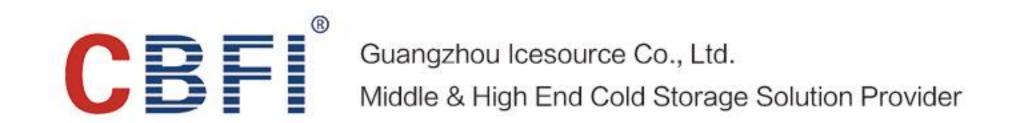
### Heshi Aquatic Auto Pallet Cold Storage

Founded in 1995, Guangdong He Shi Shui Chan Aquatic Products Co., Ltd. is a comprehensive enterprise integrating freshwater fish farming, research and development, acquisition, holding, logistics and distribution. The main aquatic products of them include mandarin fish, squid, yellowhead catfish, Chinese longsnout catfish, raw fish and other varieties. It has a quality testing center, grading screening, circulating water treatment, low temperature holding, and automated packaging production workshop. Through "company + farmers" pattern, more than 18,000 upstream cooperative farmers were driven, and the area of aquaculture was more than 30,000 mu. Equipped with systematic transportation oxygen supply equipment and large cold chain fleet, the sales network covers more than 50 cities in 25 provinces including Beijing, Shanghai, Fuzhou, Nanjing, Zhengzhou, Xi'an, Kunming, Chengdu and Changsha, driving more than 1,000 dealers downstream. More than 200 aquatic products wholesale markets and more than 600 supermarkets and communities have driven more than 60,000 tons of transactions each year, driving the output value to exceed 2 billion RMB.









### Atmosphere Conditioning Cold Room

The controlled atmosphere cold storage for fruits and vegetables is combining the refrigeration and the gas composition adjustment function. By controlling the conditions of temperature, humidity, carbon dioxide, oxygen concentration and ethylene concentration, the respiration of fruits and vegetables is inhibited, the metabolism process is delayed, the freshness and commerciality of fruits and vegetables are better maintained, and the storage period and shelf life of fruits and vegetables are prolonged.







# Guangxi Luocheng - Atmosphere Conditioning Cold Room

The project is located in Hecheng Luocheng Mulao
Autonomous County, Guangxi Zhuang Autonomous
Region. It is a government poverty alleviation project for
the "A Thousand Mu A Thousand Families" Red Heart
Kiwifruit Regulating Reservoir in Luocheng Mulao
Autonomous County. It is a local atmosphere conditioning
cold storage for local use. Warehousing of specialty red
heart kiwifruit.

The atmosphere conditioning cold storage can store 60 tons of red heart kiwifruit for kiwifruit storage in the harvest season and provide off-season sales.

The refrigeration equipment consists of a 15P BITZER parallel refrigeration unit and a set of atmosphere conditioning equipment.



# Comprehensive Cold Storage

Food quick-freezing cold storage refers to a special low-temperature cold storage that can quickly pass food through its maximum ice crystal formation area by rapid cooling, while maximizing food freshness and commerciality.

# Comprehensive Cold Storage & Frozen Project in US

Founded in 1986, our client company is engaged in the import of food raw materials and re-sale of food processing. It is a 5-star hotel food supplier in the United States, a large supermarket chain food supplier such as Wal-Mart.

The customer warehouse is located in Chicago's largest logistics and storage industrial area.

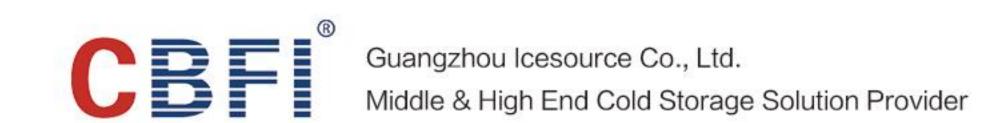
Customers need to design and install a freezer in the fixed site to store ingredients such as red dates and cheese.

The quality of the cold storage was high and the construction progress was fast, which was highly recognized by customers.









### Indoor Ice & Snow Entertainment

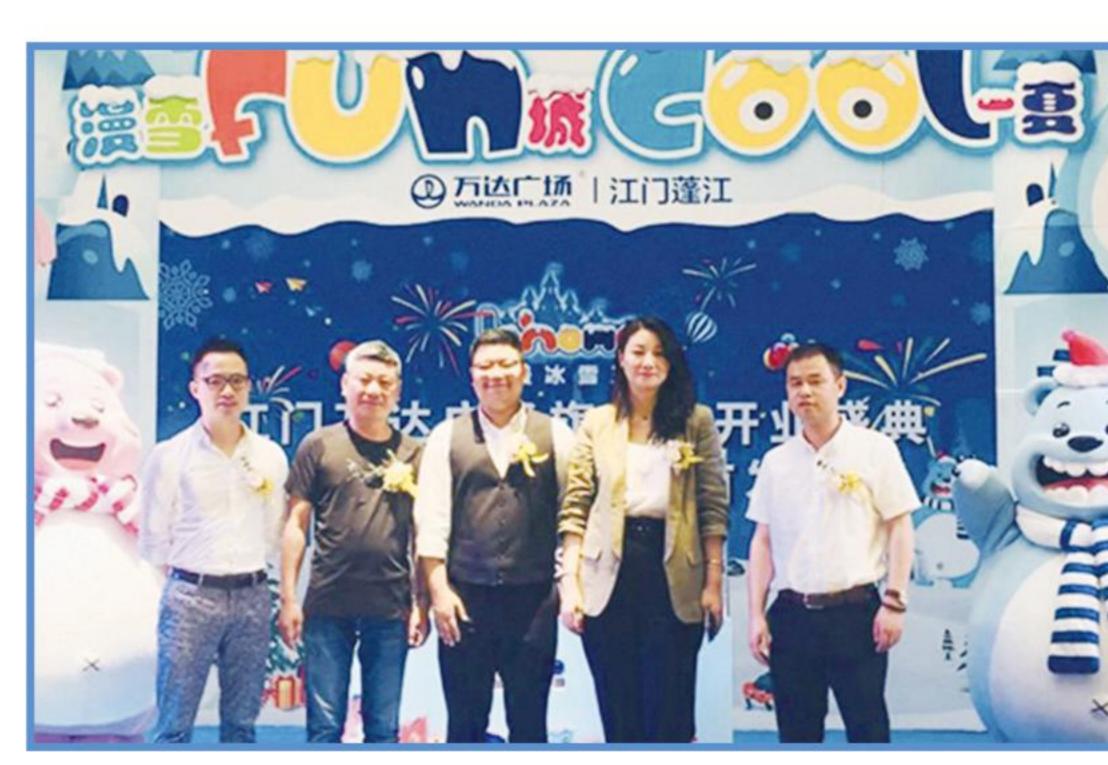
Indoor ice and snow entertainment is a new field of low-temperature cold storage applications. By controlling indoor parameters such as temperature, humidity and fresh air, it creates a winter environment covered with snow.

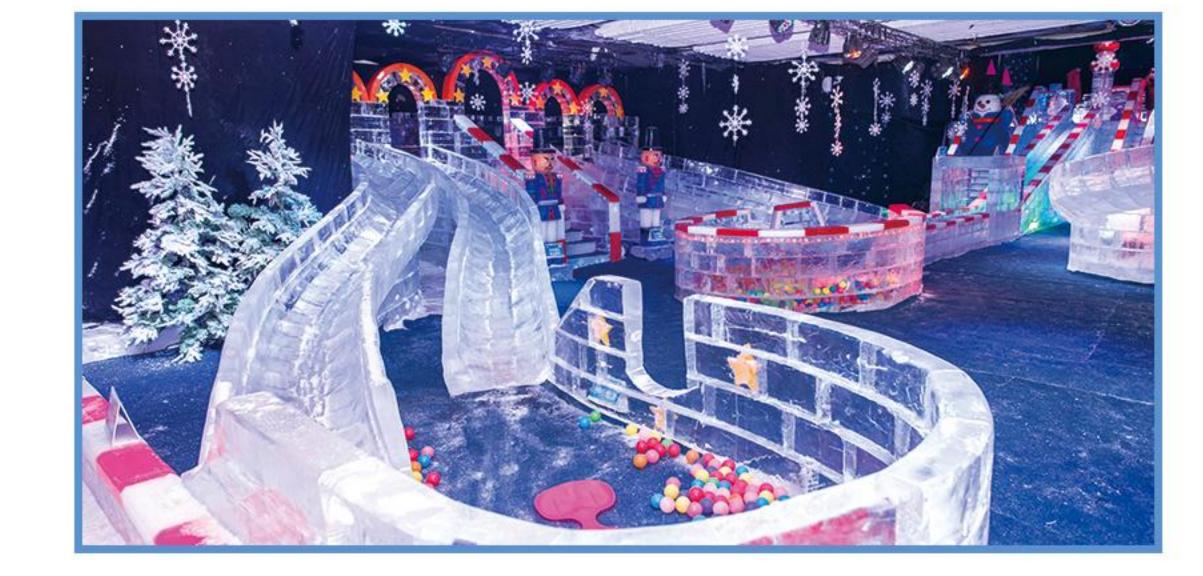


### Le Man — Ice & Snow Amusement

Leman Ice Kingdom is the first large indoor ice and snow family amuse -ment attraction brand under Leman Culture and Entertainment. The Leman Ice Kingdom of Jiangmen Wanda Plaza is the first flagship store in the country, covering an area of 4,000 square meters. The theme is European Snow Fairy Town, bringing a dreamy ice and snow trip to every visitor.

CBFI is a strategic partner of Guangzhou Leman Culture and Entertainment. It has carefully built the Leman Ice Kingdom of Jiangmen Wanda Plaza in Guangdong and the Hanlan Leman Ice and Snow World in Putian Fujian. The large-scale refrigeration and insulation system designed and constructed by CBFI is the most important guarantee for those beautiful ice and snow world.









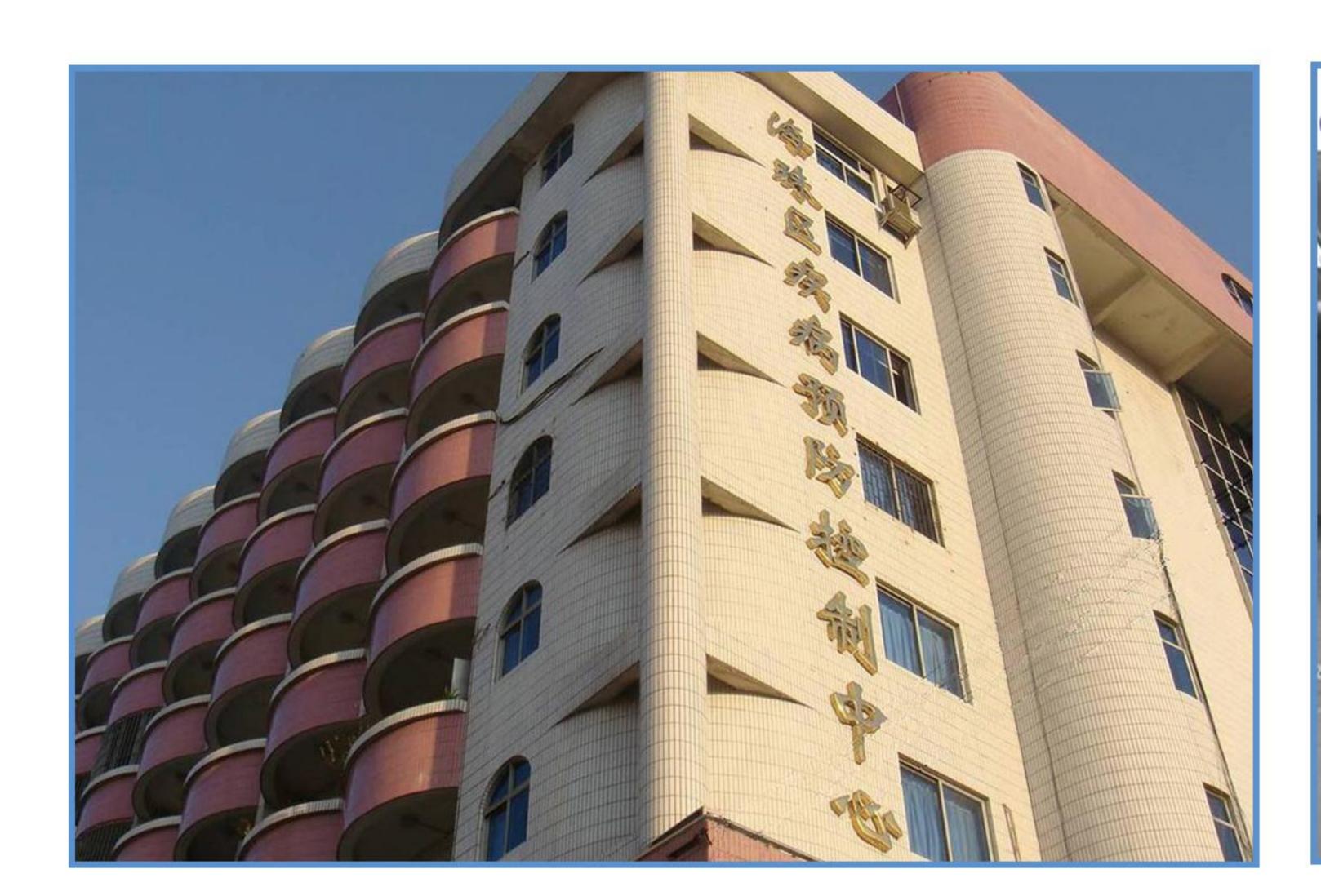
# GMP Food / Drug Cold Storage

The GMP food/medicine cold storage is a cold storage constructed in strict accordance with GMP standards. Through accurate project management and engineering cycle management, the quality of the project and the construction period are guaranteed, and the customer is assisted in completing the GMP standard audit.

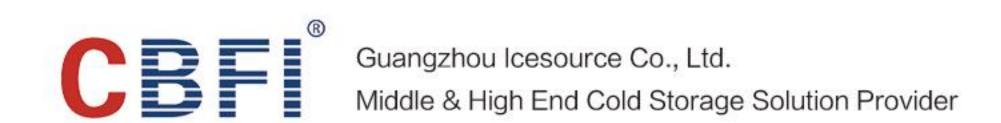
### Guangzhou CDC — GMP Medicine Cold Storage

The Haizhu District Center for Disease Control is the core public health professional institution that implements the health and disease prevention function of the Haizhu District Government. It integrates disease prevention and control, emergency monitoring, research and guidance, technical management and services, and comprehensive prevention and health promotion. The aim is to prevent and control risk factors, diseases, injuries, and improve the health and quality of life of the entire population.

The CDC had purchased 15 sets of medical cold rooms in our company at one time. The cold storage has temperature and humidity control functions, the temperature is 2~8°C, and the humidity is 35%~70%. The equipment adopts a one-use and one-preparation system, and each cold storage is equipped with an emergency power supply to ensure that the cold storage is still operating normally during the power outage.







# Food Freezing Cold Storage

Food quick-freezing cold storage refers to a special low-temperature cold storage that can quickly pass food through its maximum ice crystal formation area by rapid cooling, while maximizing food freshness and commerciality.



## Mexican Cold Storage

The project is located in Cancun, Mexico. Our customer is one of the largest fish processing and supply companies in the region. The processing cold storage is only 3 kilometers away from the seaport, which is convenient for direct processing, quick freezing and storage of the harvested seafood. The entire comprehensive project includes pre-cooling room, quick-freezing room, freezing storage and flake ice machine with a total cooling space of 9900 cubic meters.



### Fish Cold Room in Zambia

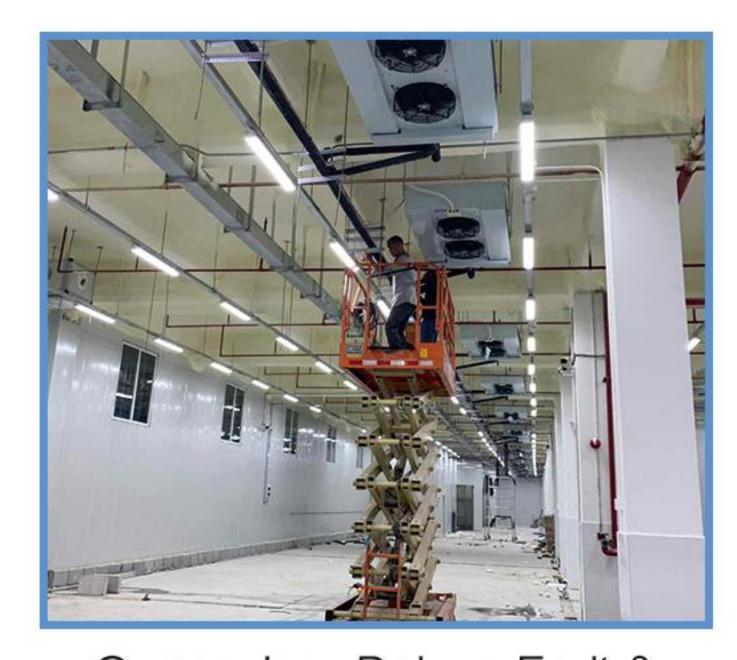
The project is located in Lusaka, the capital of Zambia. The local temperature is high, which is not conducive to food preservation. The customer purchased a large freezer for frozen storage of fish. The total volume of the freezer was 4,500 cubic meters.



### Domestic And International Case Introduction



Hainan Cold Storage



Guangzhou Baiyun Fruit & Vegetable Cold Storage



Guangdong Conghua Jam Cold Storage



Guangdong Zhongshan Cold Storage



Sanya Comprehensive Freezing Factory



Suning Cold Storage



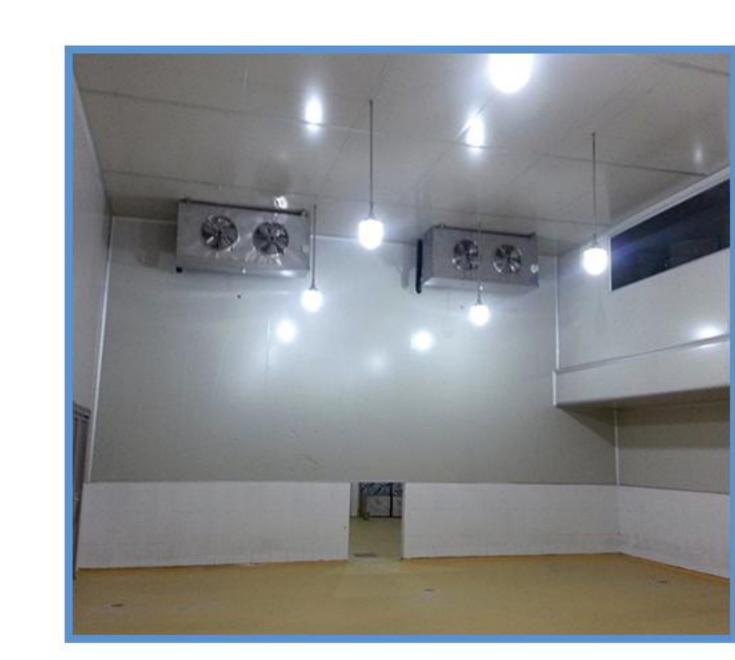
Yunnan Ruili Cold Storage



Zhuhai Le Man Ice Kingdom



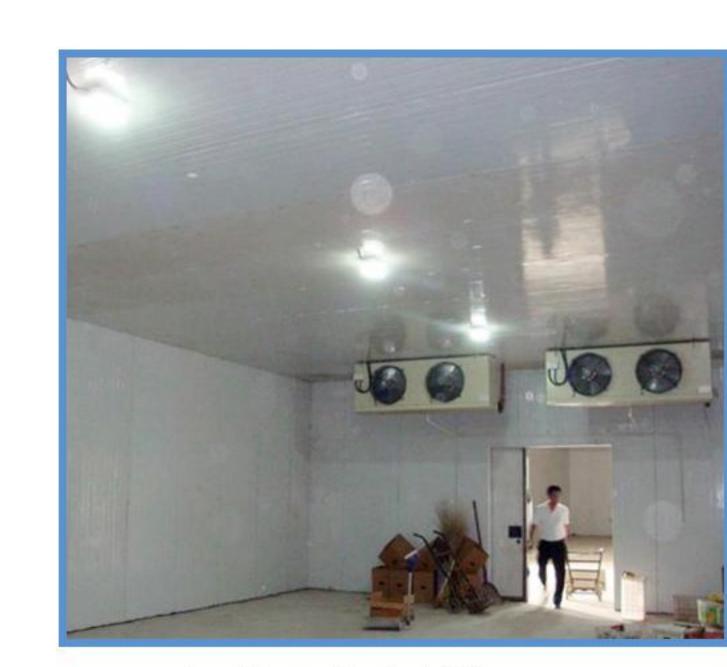
Philippine Cold Storage



Tajikistan Cold Storage



Chicago Cold Storage



Indian Cold Storage



Lebanese Container Cold Storage



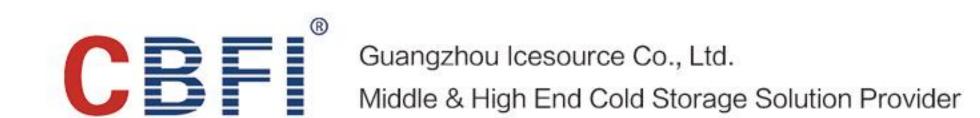
Vietnamese Fish and Shrimp Cold Storage



Malaysian Cold Storage



Tajikistan Cold Storage



# Ancillaries -- Cold Room Units

# 1. Cold Room Units

Small and medium-sized cold storage equipment - intelligent cold room unit

Standard equipment with stable quality. Avoid or reduce the soldering steps and make installation easy. Available to the Internet of Things for remote control.







Medium and large cold storage equipment - open cold storage unit

Customized cold storage unit, the refrigeration engineer team is professionally designed to provide an overall supporting solution. Import original accessories assured quality.



Bitzer parallel compressor unit



Bitzer air-cooled unit



Bitzer piston water-cooled unit



Bitzer screw medium-sized unit



Bitzer bipolar cryogenic unit



American Fusheng compressor unit



Copeland fully enclosed parallel unit



Copeland fully enclosed parallel unit



Copeland fully sealed air-cooled unit



Bitzer semi-closed screw medium-sized unit



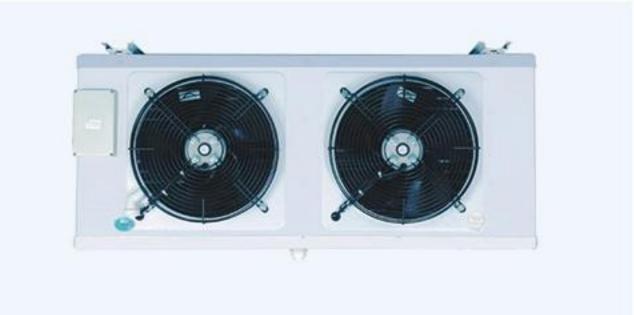
Intelligent cloud screw unit



Copeland semi-closed unit

# 2. Air Cooler

A variety of wind and defrost modes are selected to suit different conditions of use. Stainless steel casing, phosphating, surface spray, more suitable for working places with high salt content or high sulfur content in the sea.



Electric Defrosting Single Side Air Cooler



Electric Defrosting Double Side Air Cooler



Water Flushing Chiller



Water Flushing Chiller

## 3. Cold Room Door

A wide range of cold room doors to suit all application scenarios. Customized production, overall design according to site requirements.



Semi-buried Door



Fully Buried Door



Swing Door



Free Door



Industrial Lift Gate



Fast Rolling Door



Double Sliding Door



Hinged Door



Electric Sliding Door

# 4. Polyurethane Cold Storage Insulation Panels

Automated production line production, international quality standards, and a mass export products. Flame retardant material, Class B1 fire protection standard. Environmentally friendly materials, no ozone damage.



3rd Generation B1 Grade PIR PU Panels



4th generation of environmentally friendly



Lock Hook Type PU Panels

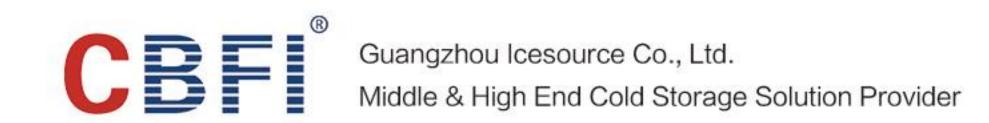


Socket Type PU Panels



Arc Angle PU Panels





# 5. Evaporative Condenser / Cooling Tower









Medium and large cooling tower

Small cooling tower

Evaporative condenser

V-type condenser

# Compressor

Compressors of brands such as Emerson Copeland, Bitzer, Frascold, RefComp, Blog, Hanbell, MYCOM, etc.









Copeland

Bitzer

Frascold

Hanbell

# Other Accessories







integrated expansion valve exchangeable Expansion





spool expansion

Mechanical oil

level controller











High and low silencer

Sight glass

valve



Reservoir















Pressure

Pressure gauge Shock tube

# Application

LCCP Food Processing Cold Storage GMP Medicine Cold Storage



Food production



Fresh supermarket

Indoor Ice & Snow Entertainment Facilities

Atomosphere Controlled Fruits & Vegetables Cold Storage

Refrigeration and preservation of seafood and aquatic products



















# Our Client



























