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Large Edible Cube Ice Machine

Be engaged in general equipment applications in low temperature technology and developing of exhaust heat utilization technology in refrigeration system.





CBFI Large Edible Ice Cube Machine Your First Choice to build an edible ice factory





Edible Cube Ice

Cube ice has the smallest contact area with frozen products during all types of ice in present market. Because of its shape is square, hence the name Cube Ice.

Size of Cube Ice

22x22x22mm、29x29x22mm、38x38x22mm

Features

Cube ice is crystal, clean, sanitary, and with best melting resistance, which suitable for drinks modulation, food decoration, food preservation, and so on. So cube ice is mainly used as edible ice.

Cube Ice Application

Hotel, Bar, Banquet Hall, Western Restaurant, Fast Food Restaurant, Convenience Store, Cold Drinks Shop, KTV, Breakfast Restaurant, Western-style Fast Food, Beer House, etc where need ice.



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History Background of Cube Ice Machine

1902

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Small Capacity Cube Ice Machine

Scotsman Cube Ice Machine

Founded in 1902 in Wisconsin Lake, Manitowoc became the largest manufacturer of residential ice machines in USA market.

Founded in 1950, Scotsman cube ice machine has long life span with stainless steel structure and meet international safety and health standards in manufacturing, with advanced electronic P.C. board to control ice making process, with automatic water circulation clean system, with new type refrigerant.

High Level Refrigeration Technology

In 1964, Manitowoc enters catering equipment industry through the acquisition of the brand and manufacturing right of Kodiak ice maker. At that time, Manitowoc had developed high level refrigeration technology as a residential refrigerator manufacturer.

Revolutionary Breakthrough

1968

2005

In 1968, based on the revolutionary breakthrough on designing of evaporation pan of ice machine, Manitowoc became the worldwide leading brand in ice machine field.

The world first large capacity cube ice machine from CBFI

Beijing Olympic Games Strategic Partners

2008

In 2005, CBFI pioneering solved the problem of cube ice machine with large capacity and manufactured the world first 3 tons cube ice machine successfully by developing new refrigeration system.

In 2008, strategic partner of Guangzhou Icesource Refrigeration Equipment Co., Ltd. became designated suppliers of edible cube ice of the Olympic Games, the supplier had several 5 tons large edible cube ice machine in Beijing.

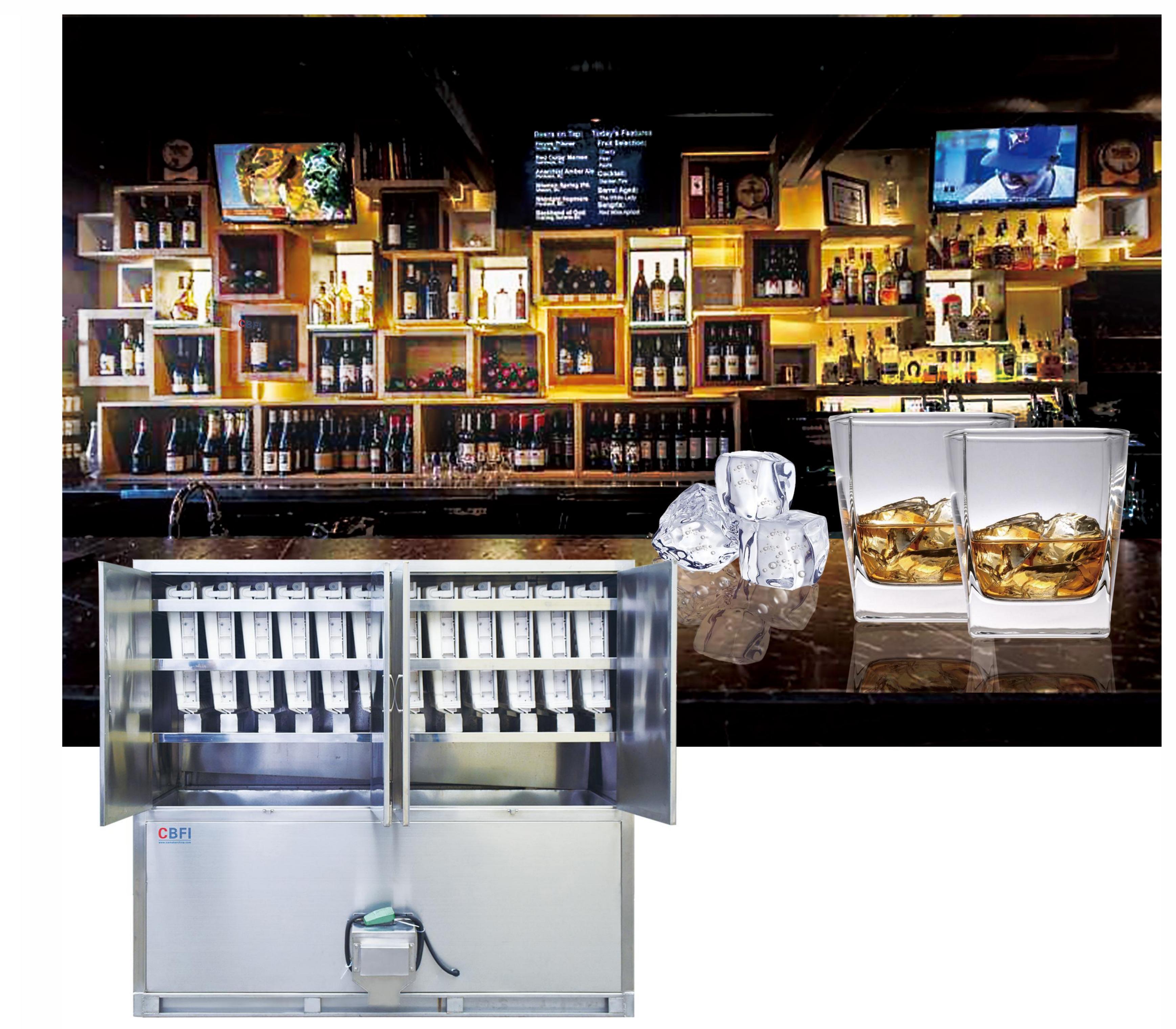
CBFI Large Capacity Cube Ice Machine

Unwavering pursuit of high quality

2017

Till 2013, Guangzhou Icesource Co LTD (CBFI) had made two times technological innovation on edible cube ice machine after several years of precipitation, only for serving customer better. Now CBFI large capacity cube ice machine have been sold all around the world and achieve wide acclaim.

We have already sold products and provided service to worldwide customers who come from over 130 countries, and gained customer's acclaim over 99%. It makes us more confident, more determined for product research and development, to strive for higher quality.



The daily capacity of cube ice machine ranges from 1 ton to 10 tons from CBFI. Large edible ice machine was born in CBFI, and it is a greatest invention for mankind benefit. Appearance of this invention would bring the Gospel for places where need cube ice. Different from traditional ice machine, it is an automatic edible cube ice machine. It breaks the disadvantage of manual ice packing by spoon and low ice outlet of traditional ice machine, and becomes an automatic running and ice processing machine with big daily capacity. Emergence of this invention has changed our lives.



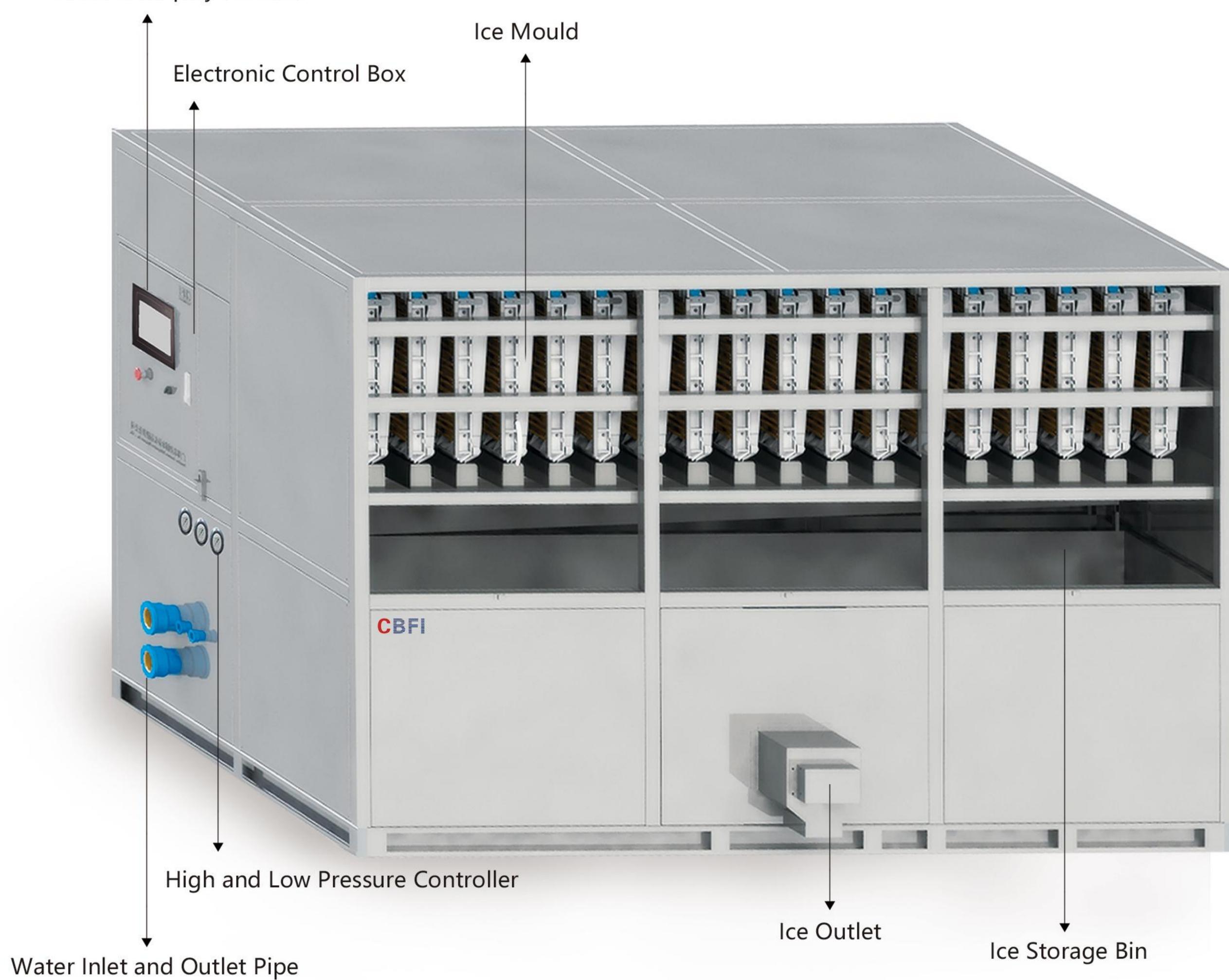
Designing structure drawing of cube ice machine

Large capacity edible ice machine applies the overall design.

Advantage:

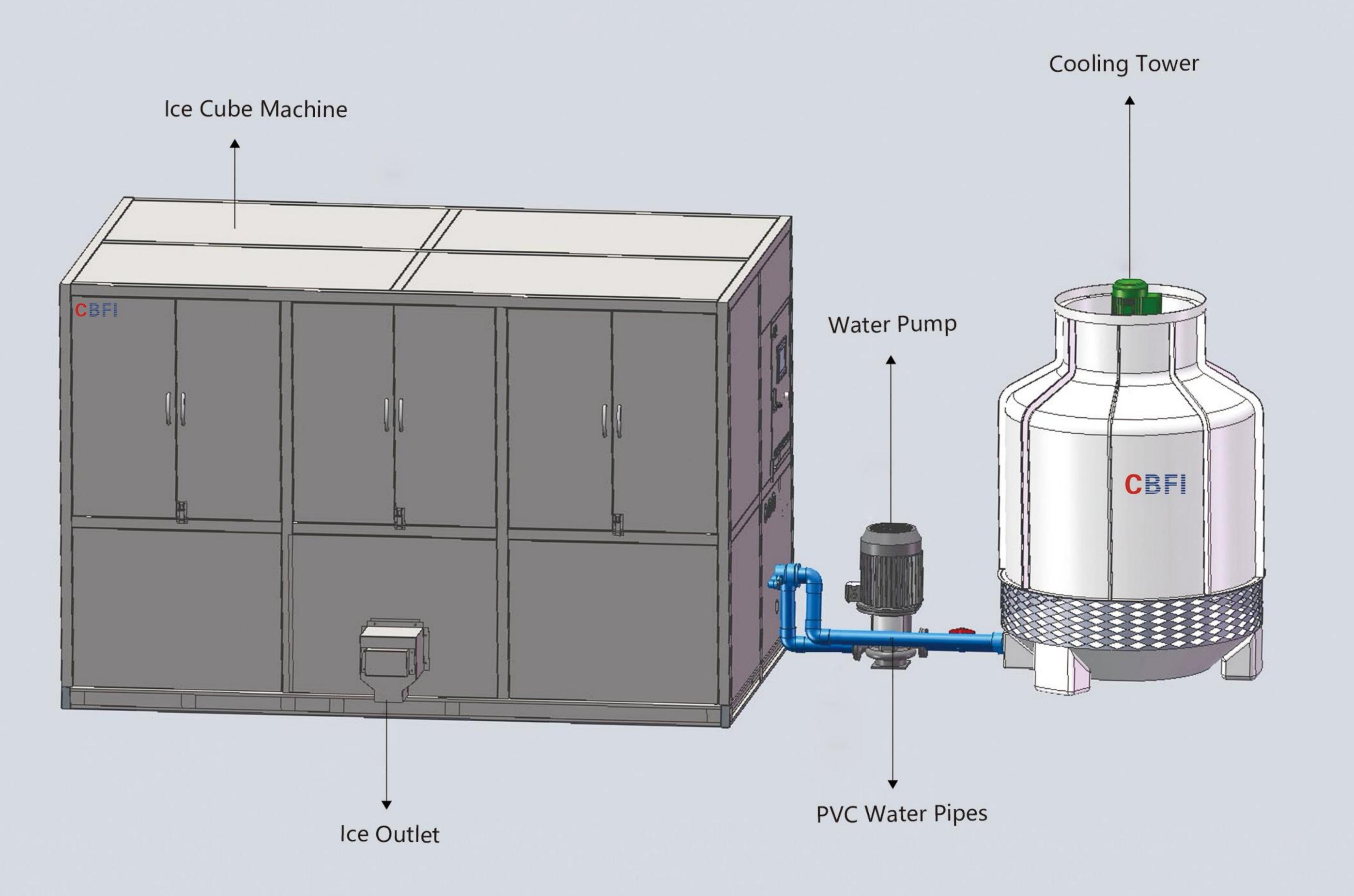
- . Ambient temperature self-adjust system, ensure ice thickness won't change because of ambient temperature difference.
- . Proprietary design of refrigeration system, gains government patent right: ZL201420070472.X.
- . Power consumption is 80kW.H per 1 ton ice.
- . Modular design with small area occupy, can easily dock with the ice packaging system.

Control Display Screens



3D diagram of cube ice machine

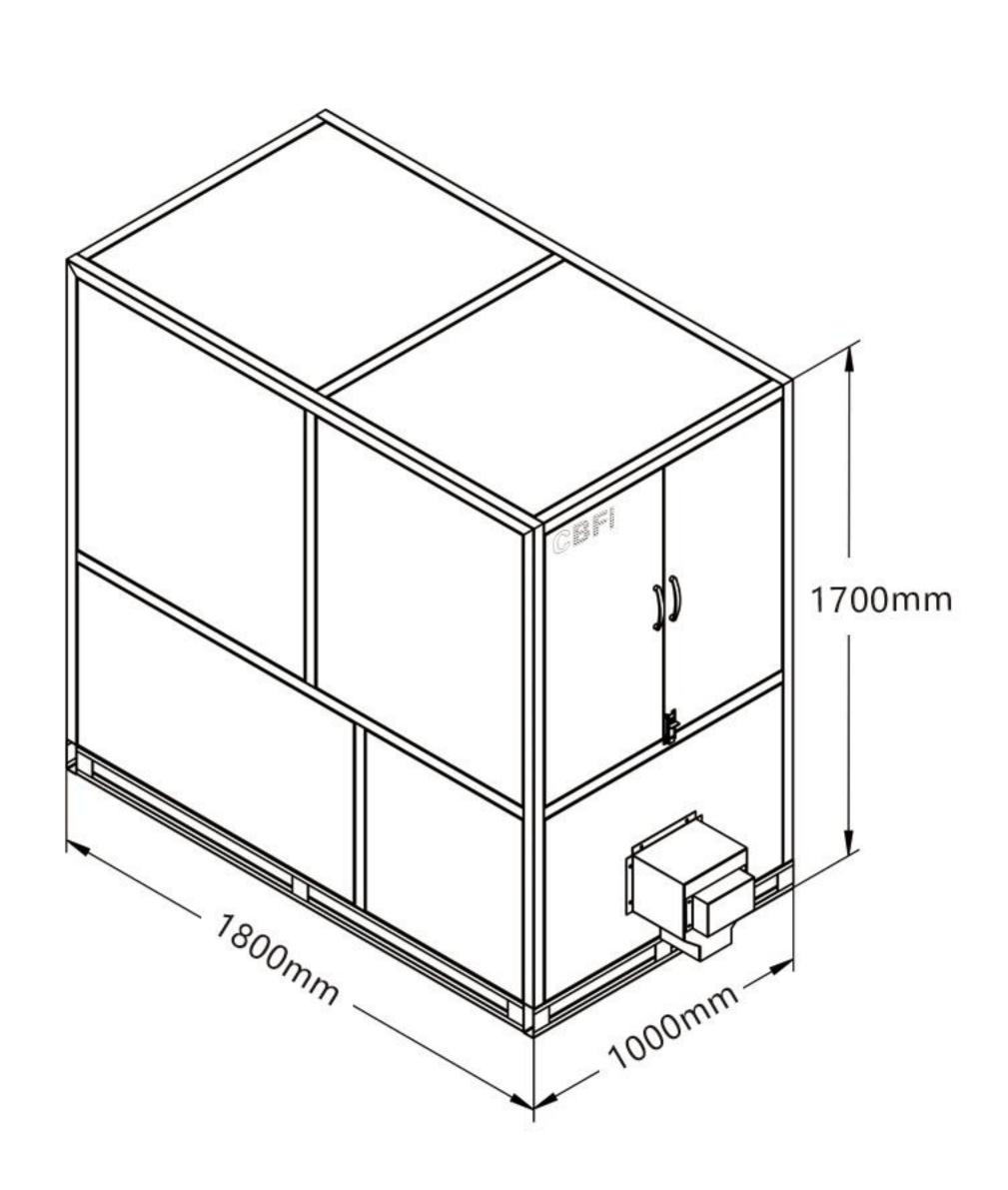
CBFI large cube ice machine is the first fully automatic machine that adopt the four advanced technologies: automatically adjusts the ice thickness, ambient temperature self-adaption, automatically supply ice-making water after ice harvest and auxiliary type condensasing pressure stable system. The production process is fully automatic, cube ice shapes are with uniform appearance and without ice thickness difference. The proper use of the two patent technology: flate plate heat exchange technology and circulating heat ice-dropping technology provides sufficient technical guarantee for products going global.

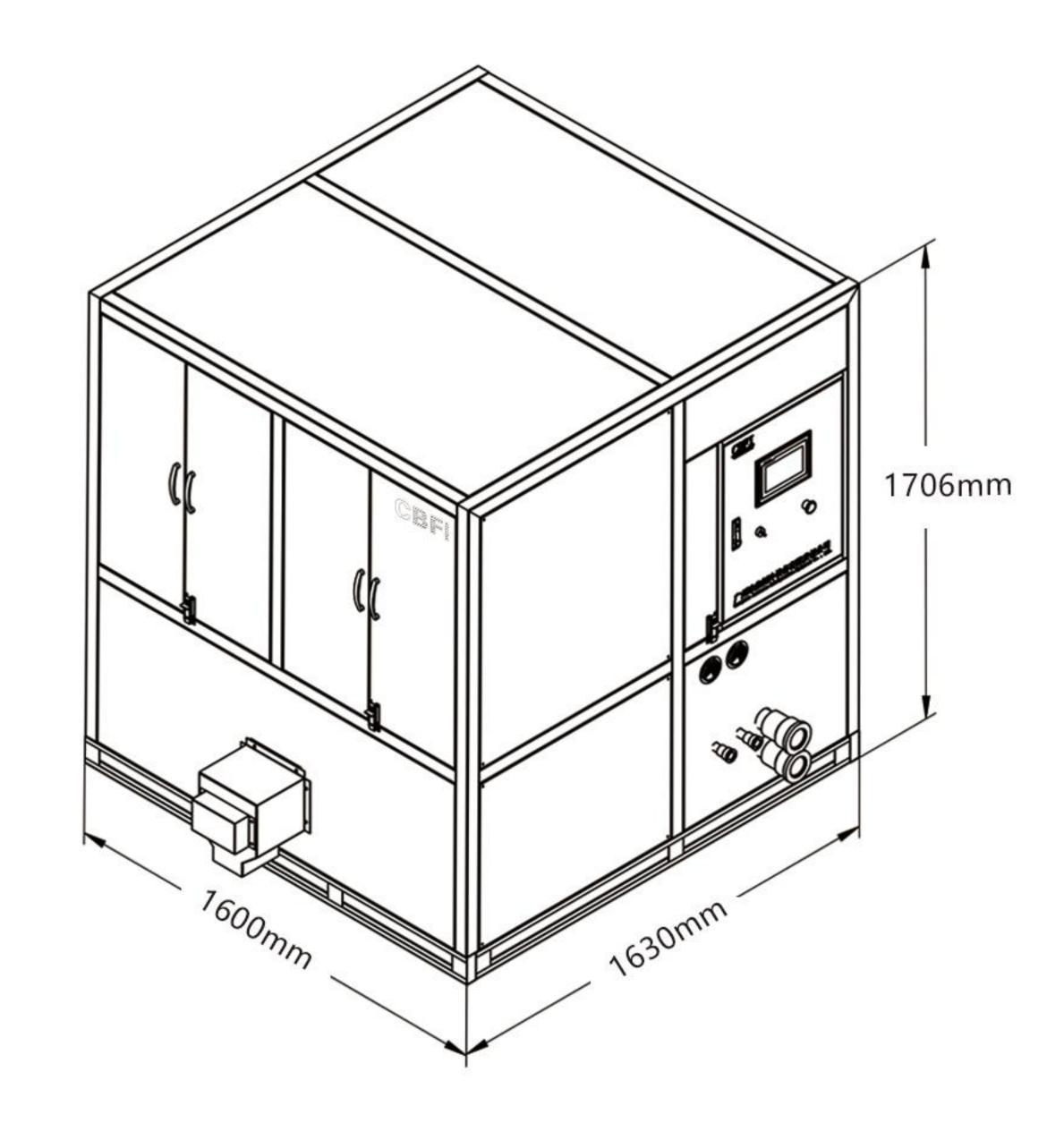




lce cube machine

The edible cube ice machine daily production capacity can be 1 ton, 2 tons, 3 tons, 5 tons, 10 tons, 15 tons and 20 tons. The non-standard cube ice machine can be customized according to clients' requirement.









CV1000 1 ton Cube Ice Machine

Ice making capacity: 1ton/24h
Compressor rated power: 3KW
Power of circulating water pump: 0.37KW
Power of cooling water pump: 1.1KW
Power of cooling fan: 0.18KW

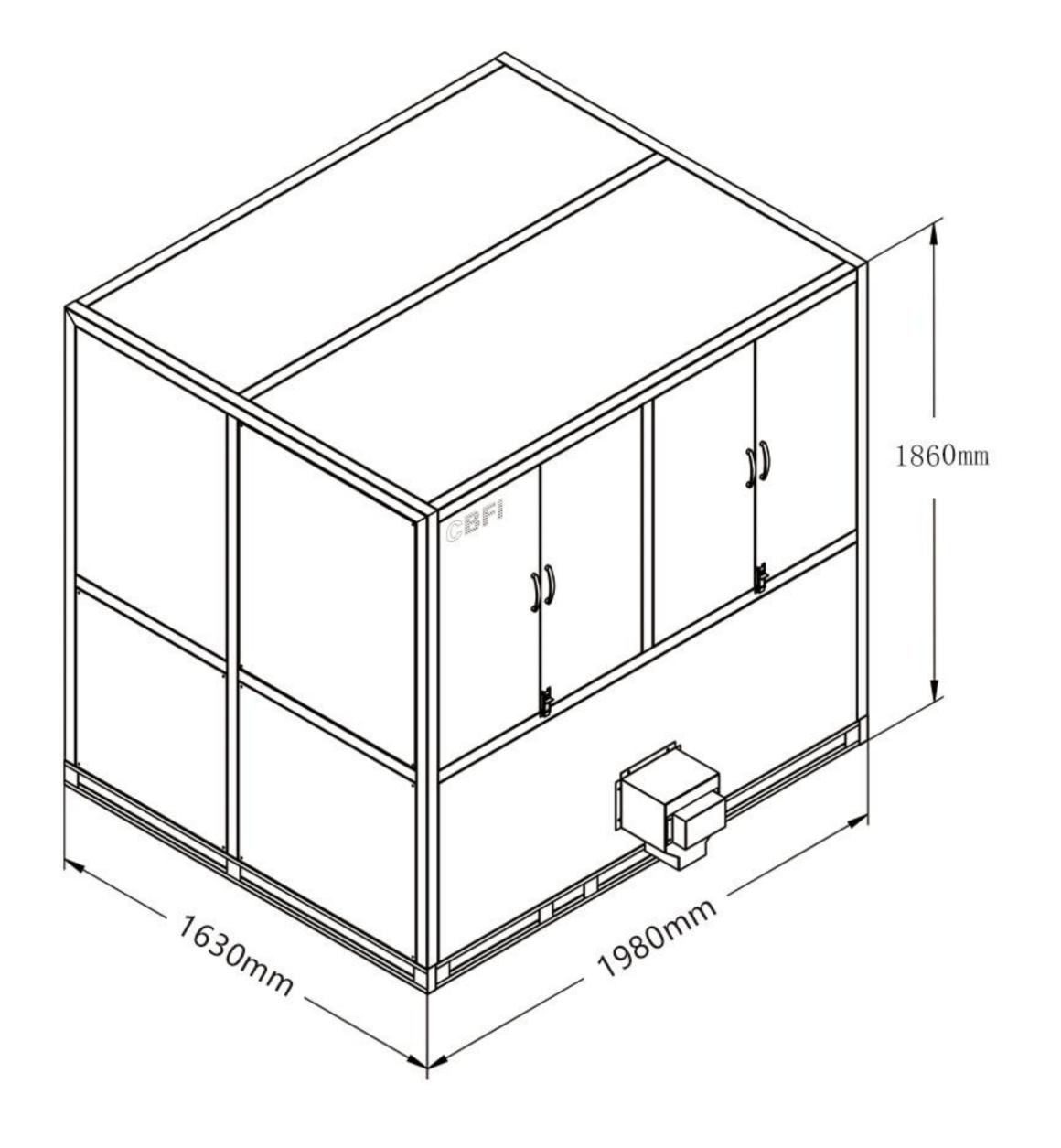
Ice making machine size: 1800x1000x1700 (mm)

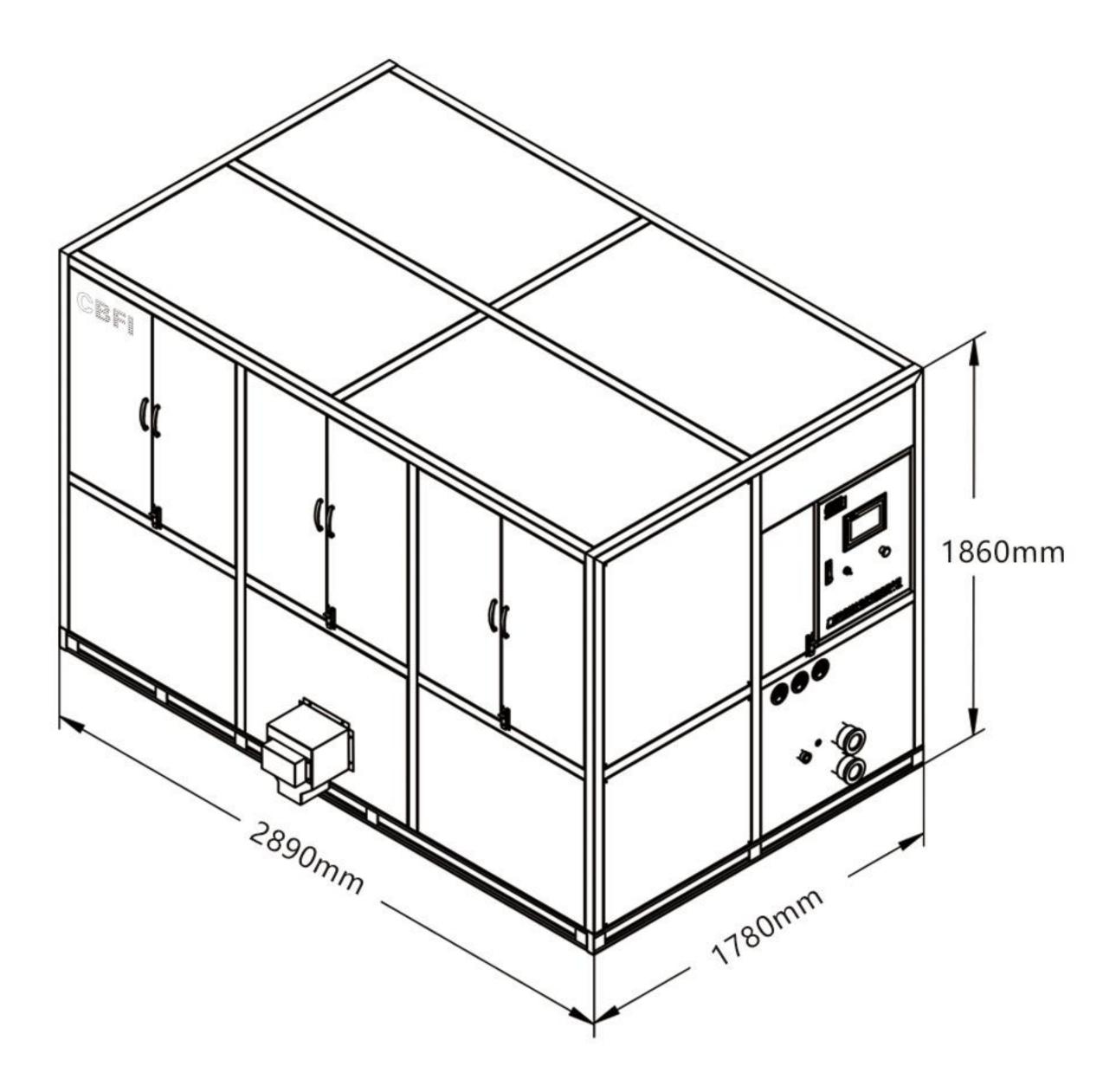
Weight: 800KG

CV2000 2 tons Cube Ice Machine

Ice making capacity: 2Ton/24h
Compressor rated power: 6KW
Power of circulating water pump: 0.37KW
Power of cooling water pump: 1.5KW
Power of cooling fan: 0.37KW

Ice making machine size: 1630x1600x1706 (mm)
Weight: 1000KG









CV3000 3 tons Cube Ice Machine

Ice making capacity: 3Ton/24h
Compressor rated power: 9KW
Power of circulating water pump: 0.37KW
Power of cooling water pump: 1.5KW
Power of cooling fan: 0.56KW
Ice making machine size: 1980x1630x1860 (mm)

Weight: 1200KG

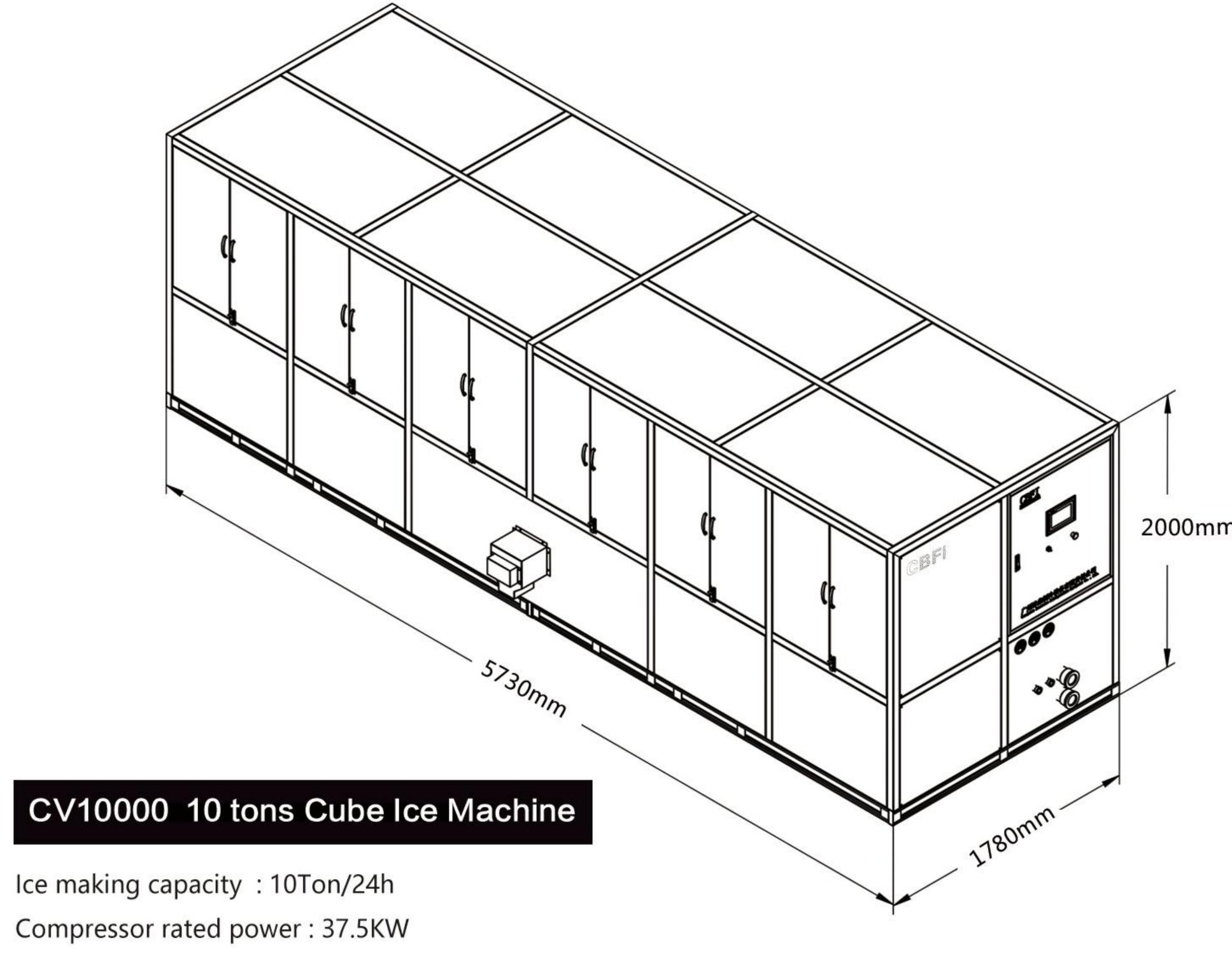
CV5000 5 tons Cube Ice Machine

Ice making capacity: 5Ton/24h
Compressor rated power: 18.25KW
Power of circulating water pump: 0.55KW
Power of cooling water pump: 2.2KW
Power of cooling fan: 1.5KW

Ice making machine size: 2890x1780x1860 (mm)

Weight: 1600KG

lce cube machine



Compressor rated power: 37.5KW

Power of circulating water pump: 1.1KW

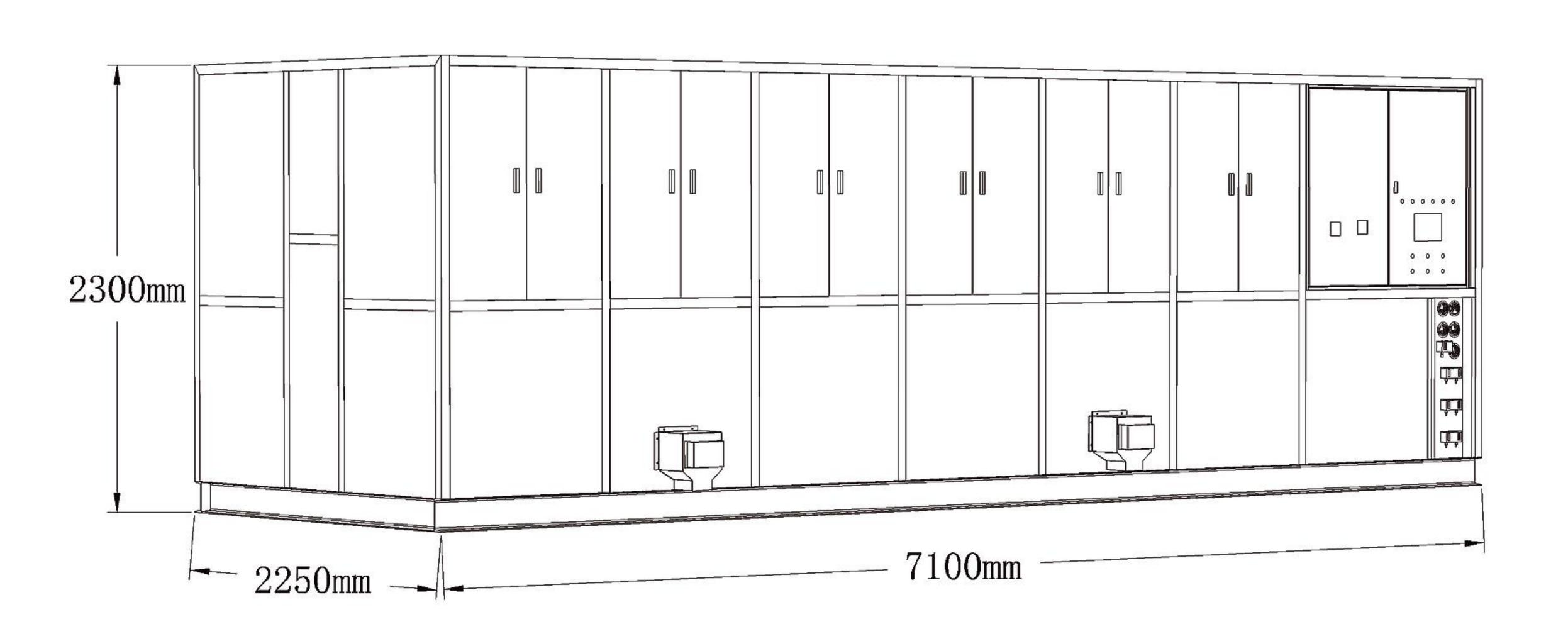
Power of cooling water pump: 4KW

Power of cooling fan: 1.5KW

Ice making machine size: 5730x1780x2000 (mm)

Weight: 3000KG





CV20000 20 tons Cube Ice Machine

Ice making capacity: 20Ton/24h
Compressor rated power: 58.4KW
Power of circulating water pump: 4.4KW
Power of cooling water pump: 5.5KW
Power of cooling fan: 2.2KW

Ice making machine size: 7100x2250x2300 (mm)

Weight: 5000KG





Edible ice cube machine plant design in Malaysia

With the development of social economy, people's living standard has been improved and their demand on food application is higher and higher. At the present market, most of ice plant runs in this model: it just has one set ice machine, one worker and one small cold room and the ice production cannot meet the national food requirements.

Aiming at edible ice market, our company has been through years of experience in the production of edible ice equipment and feedback on market research. According to production process specification of edible ice and requirements

《SB/T 10017-2008》, we specially designed the latest ice plant that conformity with QC and improve the safety of edible ice. Thus, it can stop ice contamination from the source and make customer's ice plant regulation and say goodbye to tiny workshop. In order to assure consumers enjoy ice in safety and security, we contribute to the standardization of the edible ice market.

The solution of edible ice cube machine plant with QC in Malaysia

One of Malaysian company is a giant to produce and supply edible ice in locally. To meet growing market demand, they start to look for refrigeration equipment manufacturer.

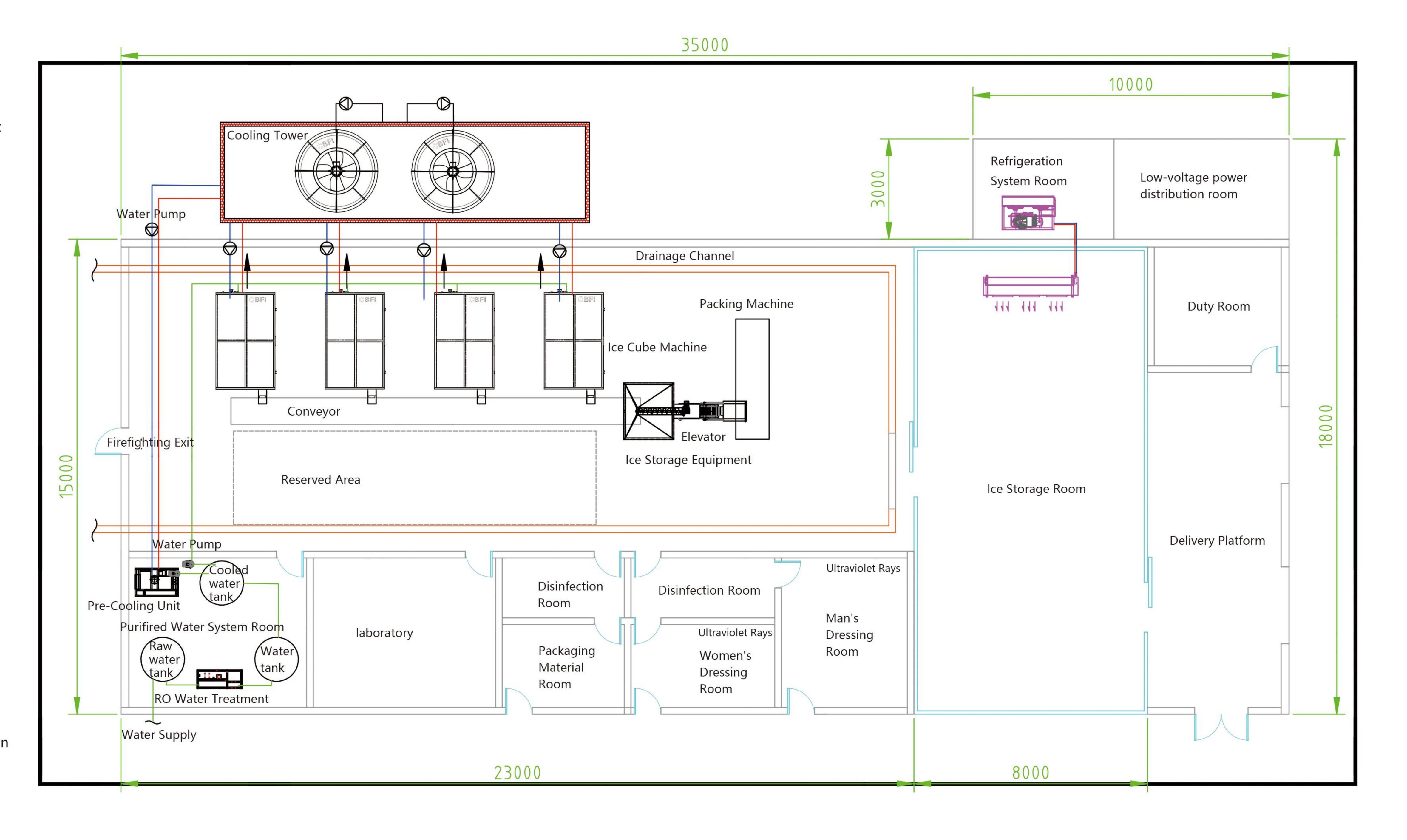
Guangzhou Icesource Co.,Ltd provide a complete solution to build a newest edible ice plant.Standard equipment:

Edible ice cube machine CV5000, 4 sets;

Water purification equipment;

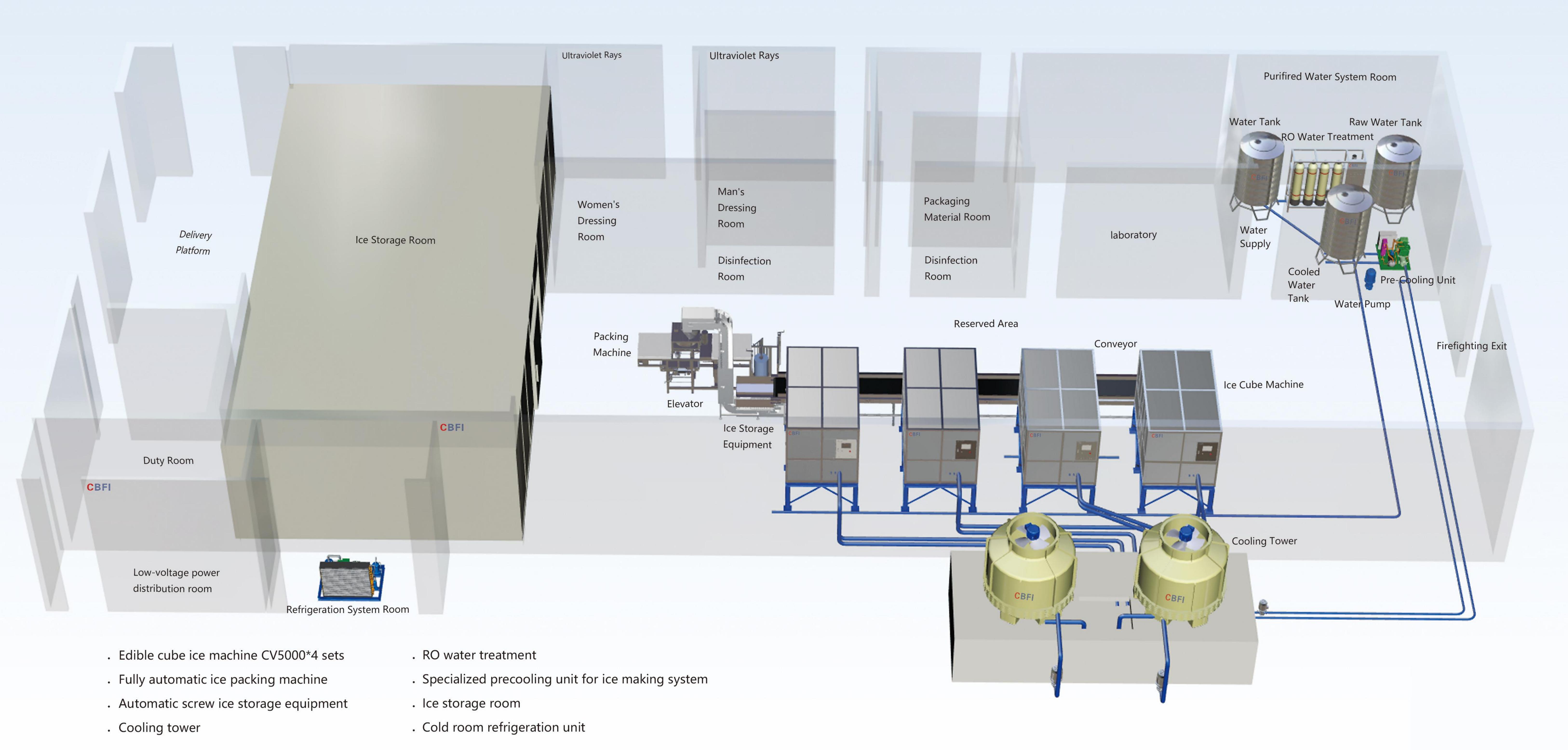
Ice Storage Room one set;

Other supporting facilities: men's and women's dressing rooms, packaging material room, laboratory, water purification room, disinfection room, disinfection equipment, low-voltage distribution room, and refrigeration system room. To improve production efficiency, there has options equipment: water chiller that match with refrigeration system (it increase 10% production), matching ice storage device with conveyor belt and automatic ice packing machine.



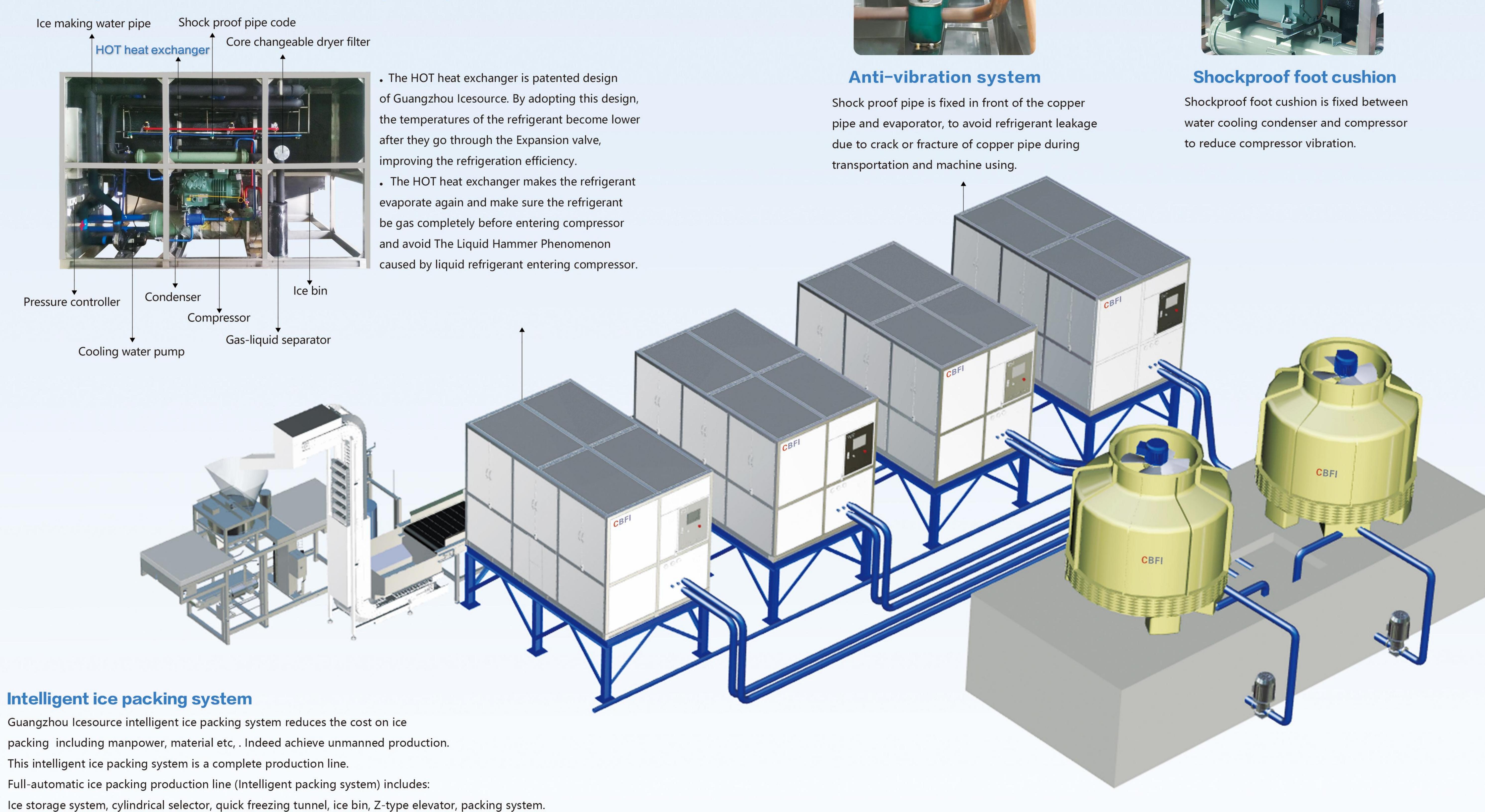


Virtual simulation diagram of cube ice machine factory

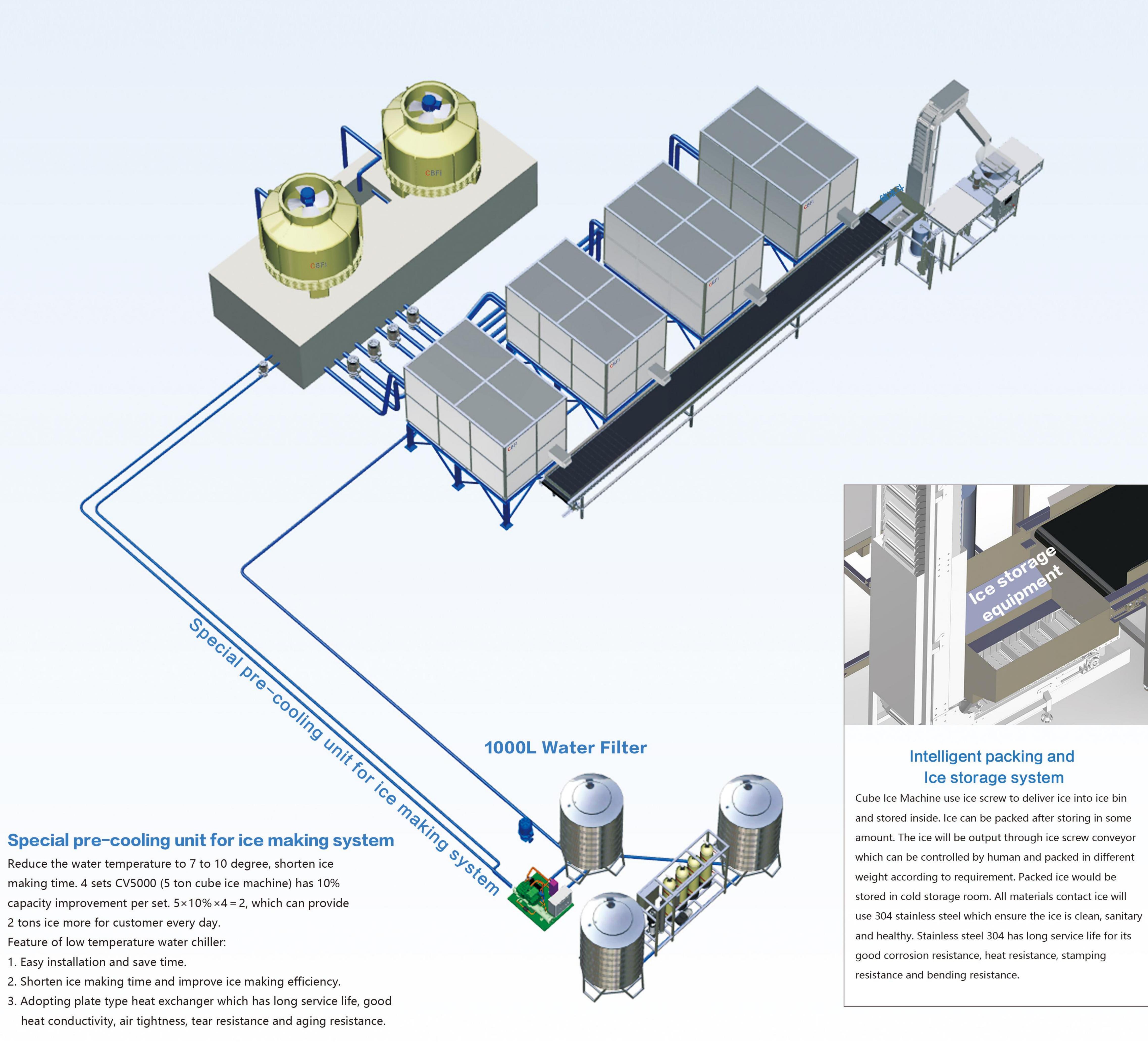




Professional design improves refrigeration efficiency and ensure machine running stably









make the life span much longer.

Ice maker adopts alloy solder containing 42% silver and weld in one time forming by use of high temperature oven. Guangzhou Icesource ice mould surface can resist 60% concentrated nitric acid corrosion, which ensures ice making machine long-term and stable running performance. Ice making water flows from the top to the bottom of the evaporator during ice making. And after long time running, some dirt may form in the surface of the ice maker due to different water conditions. This is normal phenomenon and regular cleaning is necessary. People usually use acidic liquid cleaner to clean the ice maker. The common ice maker will be corroded while contact with the acidic chemical material. However Guangzhou Icesource's anti-corrosion ice maker can avoid all the corrosion phenomena which greatly increases the service life of the ice maker and assure the production of edible ice in safe, sanitary and healthy.

Coating anti-corrosion

Intelligent packing and

Ice storage system

Using 70% concentrated nitric acid to test the anti-corrosion quality of Guangzhou Icesource and other suppliers' ice mould. Other supplier's ice mould reacted violently and get rusty easily when contact with concentrated nitric acid, while ice mould of Guangzhou Icesource don't have any influence.

comparing testing

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Edible cube ice machine domestic customer case

CBFI Edible cube Ice Machine, has exported to many countries and regions and got good reputation from customers in domestic and abroad!



Foshan 3 tons Cube Ice Machine



Chengdu 3 tons Cube Ice Machine

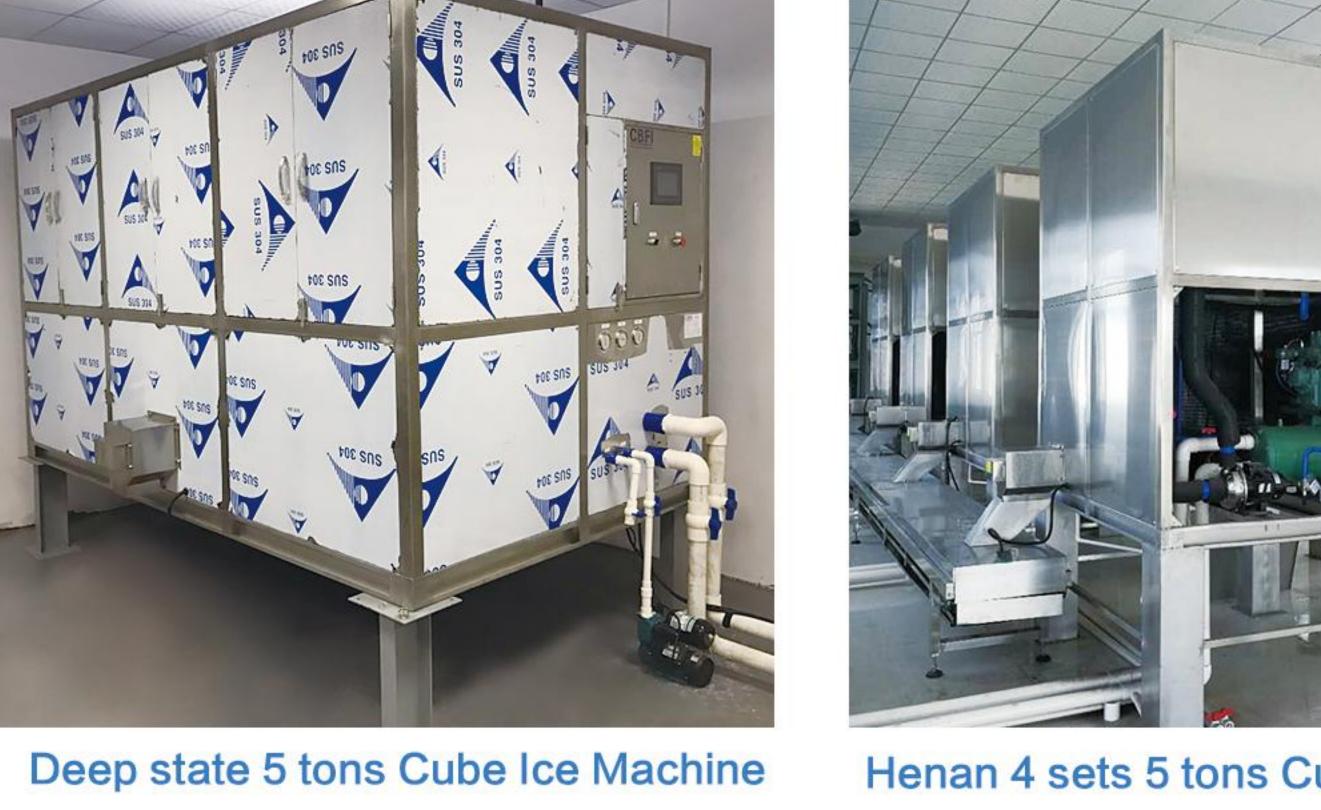


Hainan 3 tons Cube Ice Machine



Hebei 5 tons Cube Ice Machine





Henan 4 sets 5 tons Cube Ice Machine



Nanning 4 sets 5 tons Cube Ice Machine



Deep state 10 tons Cube Ice Machine

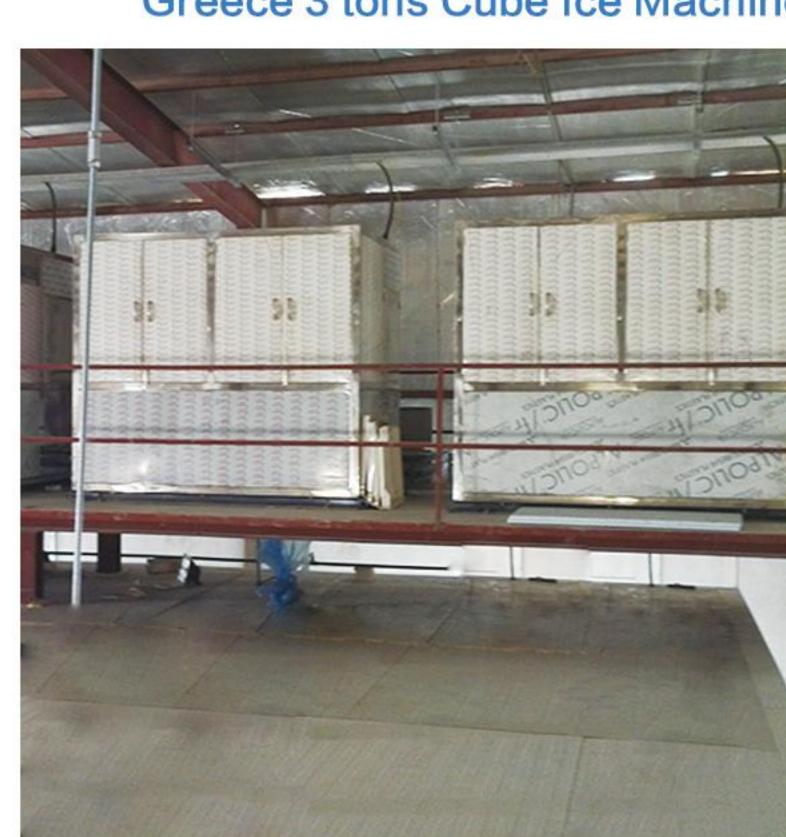


Beijing 2 sets tons Cube Ice Machine

Edible cube ice machine international customer case



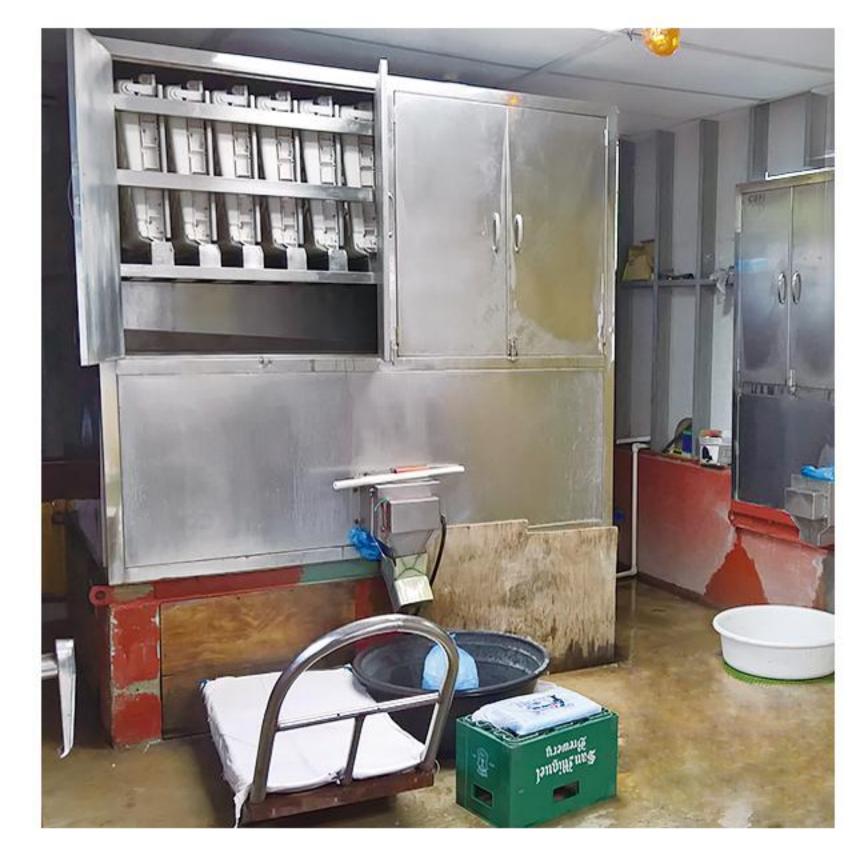
Greece 3 tons Cube Ice Machine



Qatar 7 sets 5 tons Cube Ice Machine



Malaysia 5 tons Cube Ice Machine



Philippines 2 sets 3 tons Cube Ice Machine





Peru 2 sets 5 tons Cube Ice Machine



Nigeria 3 sets 5 tons Cube Ice Machine



Afghanistan 2 sets 10 tons Cube Ice Machine Poland 2 sets 10 tons Cube Ice Machine





Persistence of improvement of product performance

Improve the products, enhance the stability and enlarge the production.

Persistence of development of new products

Independent research and development, innovation-oriented, to meet the changing needs of customers.

Persistence of assurance of products quality

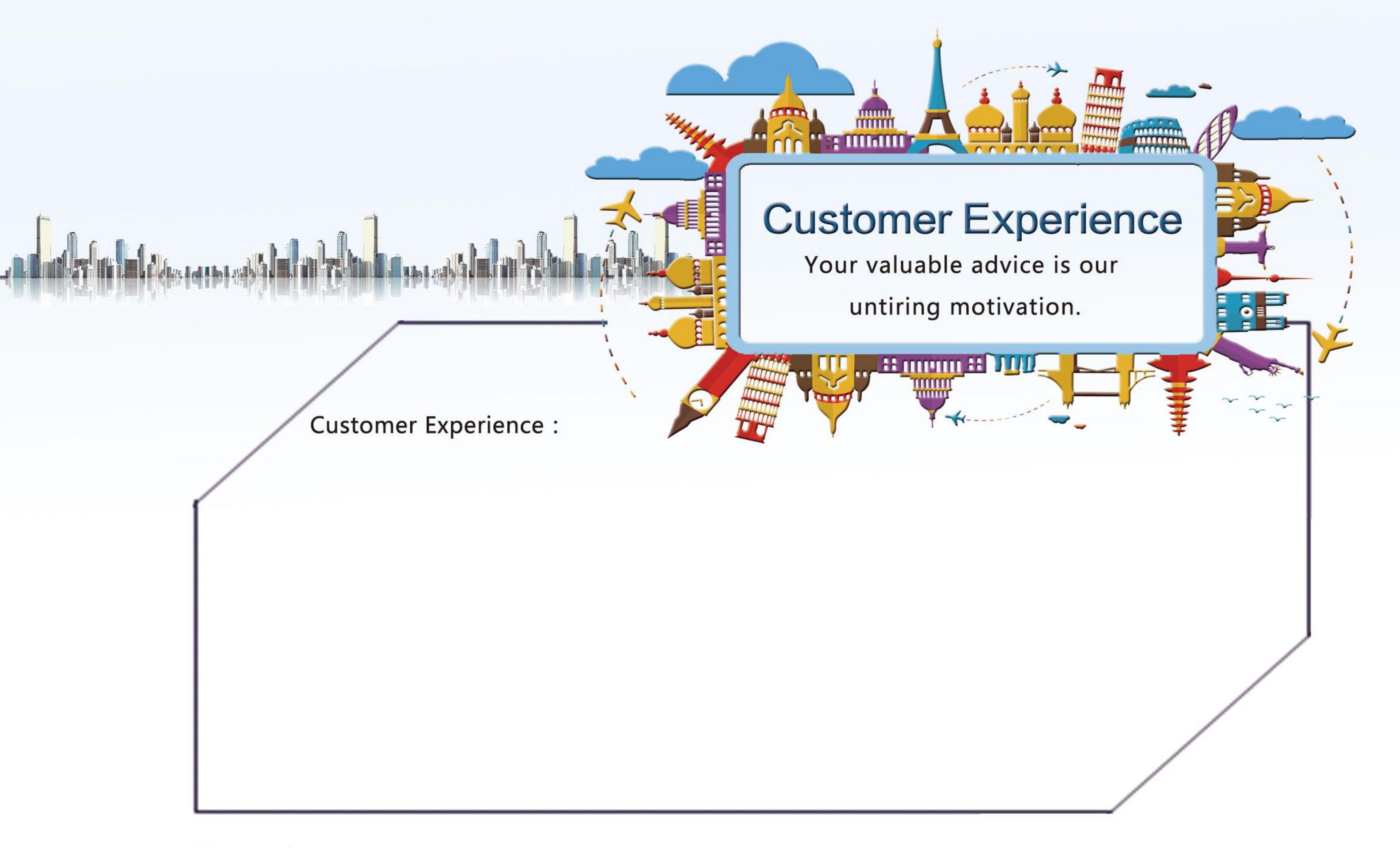
High quality accessories, professional production equipment, standardized production process.



CBFI

Customers Benefit

From
Icesource



Dear customer:

Welcome to Guangzhou Icesource Refrigeration Equipment Co., Ltd.!

With the social development and the continuous improvement of production level, the ice industry covers more and more area, the requirement for the quality of ice is getting higher and higher, the demand for "high performance, low failure rate, health" ice machine becomes more urgent, ICESOURCE is consistent with providing the best quality service to customers.

Customer Individual demands filling out forms

- 1. Which country will you use this equipment and what is the industrial 3 phase power supply over there.
- 2. Is this your first time doing the business or have been doing this business already.
- 3. Which kind of ice machine are you interested and how many tons per 24 hrs you need. Besides will you use this ice for your own business or sell to customers.
- 4. Do you only need ice machines or a complete ice factory solutions.
- 5. Is your factory ready for the machines or its a bare land and whats the length, width, height of it. (In meters or feet)
- 6. Whats the average temperature over there, whats the highest temperature in hot season and lowest temperature in cold season.
- 7. Will you use the government power or a generator, is the power from government stable or you also considering use the generator as backup.
- 8. Is the water from tap or from the underground, what about the water conditions, is it drinkable.
- 9. Installation of the machine is simple, do you know some people who knows about electricity, refrigerator or refrigeration over there in local.
- 10. If you have any other requests, please write it here.

Guangzhou ICESOURCE adhering to the philosophy that technological innovation is the untiring power of the development and expansion of the company, and always unswervingly take the road of independent research and development. The affirmation from customers makes us more confident and more firm on product innovation, to fight for a better and better quality.

