

ShanDong Ruihua Refrigeration Equipment CO., LTD.

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ShanDong Ruihua Refrigeration Equipment CO., LTD

COMPANY INTRODUCTION







Company Introduction

Shandong Ruihua Refrigeration Equipment Co.,Ltd is found in 1989, as an engineering, manufacturing, installation and maintenance refrigeration equipment company. We can also provide environmental protection and energy saving refrigeration solutions in accordance with users' requirements.

Our main products include screw refrigeration compressors and accessories, piston refrigeration compressors and accessories, Industrial refrigeration system accessories, Cold storage installation accessories, Ammonia chemical protection products, Refrigeration instrument and gauge, mobile cold storage and so on.

Our company has import and export right, and successfully obtained China Refrigeration and Air Conditioning Equipment Maintenance and Installation Enterprise Qualification Certificate, and Membership Certificate of Chinese Association of Refrigeration.

Our company has always been committed to doing a good job in every business and serving for every customer. After more than 20 years of hard work, our company has developed into an expert in Chinese refrigeration industry.

We hope to cooperate with more customers for mutual development and benefits in the near future. Warmly welcome potential buyers to contact us.



Refigeration engineering installation







QUALIFICATION HONOR

ENTERPRISE HONOR HONOR ARTICLES





Special equipment installation and renovation maintenance



Cold chain logistics industry Mainly used in long-term refrigeration and turnover storage of food. In order to maximize the original quality and taste of the food, reduce wear and tear, prevent pollution, and ensure the market supply and long-term storage purposes. The project will be based on the user's use needs, the type of food stored, comprehensive consideration of system operating conditions, annual operating time, system cooling load, one-time investment, system operating efficiency (operating coefficient), refrigeration compressors and auxiliary equipment use conditions, etc. Factors, planning, design, construction and operation management.

Cooling room: warehouse for food pre-cooling and cooling processing (room temperature -2 to 5 ° C) Cooling room: also known as high temperature cold room (room temperature $-2 \sim 4^{\circ}$ C) Ice-making and cold storage: store ice and make barrel ice (Kuwen-6~-4°C) Freezing room: warehouse with fast food freezing (room temperature -30~-23°C) Freezer cold storage: also known as low temperature cold storage room (room temperature -25 ~ -18° C)

Cold Chain Logistics Industry

Cold chain logistics industry









益客食品

六合食品

新希望集团 NEW HOPE GROUP

Food service industry







雨润食品



AQUATIC PRODUCTS: SEAFOOD PROCESSING WORKSHOP:≤21°C SEAFOOD PRE-COOLING STORAGE (FRESH STORAGE):0~4°C SEAFOOD COOLING PACKAGING WORKSHOP:0~10°C The temperature of the cold storage should be controlled below -18°C, EXCERPT FROM "REQUIREMENTS FOR AQUATIC PRODUCTS PROCESSING ENTERPRISES".

DAIRY PRODUCTS: DAIRY RAW MATERIAL COLLECTION: ≤5°C MILK COOLING AFTER STERILIZATION: $\leq 6^{\circ}C$ ACTIVE LACTIC ACID BACTERIA BEVERAGE PRODUCTS:2~4°C THE TEMPERATURE OF THE CONDENSED MILK STORAGE WAREHOUSE IS NOT HIGHER THAN 15°C, AIR HUMIDITY SHOULD NOT BE HIGHER THAN 85%.











Refrigeration system solutions for the pharmaceutical and chemical industries

Main drug library:

Cold storage: temperature requirement 2~ 8° C Cool storage: temperature below 20 ° C Normal temperature library: temperature 10~ 30° C Relative humidity of drug warehouse: 45~75%

Industry regulations:

The new GSP certification standard stipulates that enterprises shouldt take effective qualitycontrol measures in the procurement, storage, sales and transportation of drugs to ensure the quality of drugs.

Drug library specification selection reference:

General rules for the storage of common chemicals (GB15603--1995) Cold coefficient for warehouse---normal temperature library is not lower than 20W/m3/H The cool storage is not less than 40W/m3/H

Total cooling capacity per unit time = volume * cold coefficient for warehouse



Medical and Chemical Industries



Shandong Luoxin Pharmaceutical Zaozhuang Happiness Medicine Shandong Tongke Medicine Xiangyu Pharmaceutical Group Taian Red Cross specimen repository Harbin Pharmaceutical Group Harbin Sanchine Medicine SINOPEC Qilu Petrochemical Jingbo Chemical Group

Shandong New Era Pharmaceutical Shandong Minrui Pharmaceutical Heze Lianzhong Medicine Library Yantai Ruikang Pharmaceutical Northeast pharmaceutical drug cool Shijiazhuang North China Pharmace Neimenggu Shuangqi Pharmaceutic Shengli Oilfield Shuntian Chemical



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Workshop cooling, heat recovery refrigeration system solutions

The situation of power distribution room, transformer and air compressor room is similar. When working, a lot of heat is generated. Generally, the motor room of large and medium-sized public buildings is often placed under the building. The natural ventilation conditions are poor, and the indoor temperature will be very high in summer. High, when the temperature reaches the critical point of its thermal protection temperature, the equipment will stop working, affecting the normal operation of production.

In areas with high outdoor temperatures in summer, high air exchange times and low air supply temperature cold air should be provided in the equipment room to ensure the normal ambient temperature of electrical equipment in the equipment room. In addition, by recovering the heat discharged from the compressor, saving energy and reducing the compressor oil temperature, after the oil temperature is lowered, the wear parts of the compressor are well operated, because the water takes away the temperature of the gas to reduce the partial condensation pressure.

Luxi Chemical Hilton Jinan	Sha	
Shandong Shengli Biological	Sha	
Shandong Jinzhengyang Group	Jina	
Liaocheng Shenxian Thermal Factory	Zac	
Liaoning Yingkou Chemical Raw Material W		

andong Hengtai Fur andong Lihua Food an Sanyuan Chemical Project ozhuang Jeno Bio Varehousing



Carrier



Engineering installation



Undertake design, installation and transformation of ammonia and fluorine refrigeration systems









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瑞华制冷 07/08

AMMONIA REFRIGERATION COMPRESSOR









SCREW REFRIGERATION COMPRESSOR



125 SERIES PISTON COMPRESSOR



SCREW REFRIGERATION COMPRESSOR









EVAPORATIVE CONDENSER

AIR COOLER





LIQUID RESERVOIR



EMERGENCY AMMONIA ELIMINATOR

DISCHARGER



INTERMEDIATE COOLER



Other service

Refrigeration Energy Saving Expert









The principle of the riser (spiral) evaporator is that the refrigerant evaporates inside the tube and the evaporator is immersed in the coolant tank. These two evaporators can only be used in open circulation systems, and the coolant must be non-volatile, such as brine and water. In order to ensure that the brine is circulated at a certain speed in the tank, the tank is welded with a longitudinal partition and equipped with a spiral agitator. The brine flow rate is 0.3-0.7 m/s to enhance heat transfer. At present, the evaporator is one of the main heat exchange equipments indispensable in the refrigeration system. The low-pressure liquid refrigerant recovers its surrounding heat through the heat transfer surface, causing it to boil in the evaporator, and the surrounding medium (ie, refrigerant, such as air, water, and brine) of the heat transfer surface of the evaporator is obtained and kept at a low temperature. The low-pressure liquid refrigerant recovers heat while vaporizing it into saturated steam or superheated steam. The purpose of using a chiller to achieve manual refrigeration is achieved in an evaporator.

each, can be customized according to customer needs,





Vertical mixer

Impeller Coupling



Product delivery



Ice bucket



Hot dip zinc evaporator



Refrigeration and energy saving expert

Our company has a professional technical team to provide maintenance services for screw and piston refrigeration compressors efficiently, professionally and with high quality.













Screw refrigeration compressor accessories



Main bearing



oil temperature gauge



Potentiometer





Balance piston sleeve



Refrigeration Energy Saving Expert













Left and right spiral

Oil pump rotor complete set





DN15-80 stop valve

DN15-80 regulating stop valve









DN15-80 regulating stop valve DN15-350 flange type regulating shut-off valve DN15-350 stop check valve



DN4-10 straight through pressure gauge valve DN4-10 right angle pressure gauge valve DN4-10 straight through stop valve



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DN15-80 right angle check valve DN15-250 right angle filter DN15-250 straight through filter

DN25-350 straight through check valve







DN15-350 stop valve

DN15-80 shut-off valve

DN15-350 cut-off check valve



DN15-80 straight through check valve





Danfoss accessories



Danfoss differential pressure controller



Danfoss stop valve



Danvers expansion valve



Danfoss solenoid valve coil



Danfoss level controller



Danfoss AKS38 float level switch Danfoss level sensor



Danfoss stop valve





Danfoss stop valve Danfoss electronic expansion valve



Danfoss OFV series relief valve





Danfoss solenoid valve Danfoss thermal expansion valve Danfoss solenoid valve



Danfoss solenoid valve





Danfoss expansion valve





Testing supplies

Refrigeration Energy Saving Expert











Equipment recycling



















Professional used eq uipment trading



COMPANY CULTURE

VISION: BECOMING A LEADER IN CHINA'S REFRIGERATION INDUSTRY MISSION: PROMOTE THE DEVELOPMENT OF ENERGY-SAVING AND ENVIRONMENTALLY FRIENDLY REFRIGERATION METHODS VALUES: INTEGRITY, TEAM MUTUAL TRUST, EFFICIENT AND DEDICATED, PIONEERING AND ENTERPRISING **BUSINESS PHILOSOPHY: EVERYTHING IS BASED ON CUSTOMER INTERESTS** MANAGEMENT PHILOSOPHY: RELAX AND ENJOY THE SATISFACTION OF WORK









