

# **China Commercial Refrigeration Equipment Market, By Product (Transportation Refrigeration Equipment, Refrigerators & Freezers, Beverage Refrigeration, Display Showcases, Ice Merchandisers & Ice Vending Equipment, Other), By System Type (Self-Contained, Remotely Operated), By Capacity (Less than 50 cu. Ft., 51 cu. Ft - 100 cu. Ft., More than 100 cu. Ft), By Region, Competition, Forecast & Opportunities, 2020-2030F**

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## **Abstracts**

### Market Overview

The China Commercial Refrigeration Equipment Market was valued at USD 3.87 billion in 2024 and is expected to reach USD 5.42 billion by 2030, growing at a CAGR of 5.8% during the forecast period. The market is witnessing strong growth, fueled by rising demand from the food retail, hospitality, and pharmaceutical sectors. Rapid urbanization, growing disposable incomes, and evolving consumer preferences are contributing significantly to increased adoption of commercial refrigeration solutions. The expansion of supermarkets, hypermarkets, convenience stores, and food service outlets has created a robust need for reliable refrigeration equipment. Additionally, the boom in online food delivery services and heightened focus on food safety standards have further accelerated market demand. Companies are investing in technologically advanced and energy-efficient refrigeration systems to enhance product quality, optimize operations, and meet stricter regulatory requirements. As consumer lifestyles continue to evolve and industries expand, the demand for commercial refrigeration equipment in China is expected to remain on a strong upward trajectory.

## Key Market Drivers

### Rapid Expansion of the Food and Beverage Industry

The food and beverage sector in China is undergoing significant expansion, driven by rising disposable incomes, rapid urbanization, and changing dietary habits. The increasing consumption of fresh, frozen, and processed food products is fueling demand for dependable refrigeration solutions across supermarkets, hypermarkets, convenience stores, and food service establishments. The growth of online food delivery services and ready-to-eat meal options has further heightened the need for efficient commercial refrigeration systems. Additionally, with stricter food safety regulations being implemented, businesses are investing in advanced refrigeration technologies to maintain product integrity and extend shelf life, thereby propelling market growth.

## Key Market Challenges

### High Initial and Maintenance Cost

One of the major challenges in the China Commercial Refrigeration Equipment Market is the high upfront investment required for acquiring advanced and energy-efficient systems. Small and medium-sized enterprises often face financial barriers in adopting high-capacity refrigeration units, limiting wider market penetration. Furthermore, the operational expenses associated with maintenance, servicing, and periodic upgrades of complex systems like remotely operated units can be substantial. The demand for skilled technicians to ensure proper system performance adds to these costs, making it difficult for budget-constrained businesses to adopt and maintain modern refrigeration technologies.

## Key Market Trends

### Adoption of Smart and IoT-Enabled Refrigeration Systems

The growing integration of IoT and AI-driven technologies is reshaping the China Commercial Refrigeration Equipment Market. Smart refrigeration systems offering real-time temperature monitoring, predictive maintenance, and remote diagnostics are becoming increasingly popular among food retailers and service providers. According to the China Refrigeration Association (2023), 40% of new commercial refrigeration units

now utilize CO2 or hydrocarbon refrigerants, reflecting a shift toward eco-friendly solutions. These connected technologies help businesses reduce energy consumption, prevent equipment failures, and improve inventory management. As digital transformation accelerates, the adoption of smart refrigeration solutions is expected to rise, enhancing operational efficiency across industries.

### Key Market Players

Ashford Hospitality Trust Inc.

Lennox International Inc.

Altus Group Ltd

Carrier Global Corp.

Whirlpool Corp

Dover Corp

Daikin Industries Ltd

Electrolux AB ADR

Illinois Tool Works Inc

Johnson Controls International PLC

### Report Scope:

In this report, the China Commercial Refrigeration Equipment Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

China Commercial Refrigeration Equipment Market, By Product:

Transportation Refrigeration Equipment

Refrigerators & Freezers

Beverage Refrigeration

Display Showcases

Ice Merchandisers & Ice Vending Equipment

Other

China Commercial Refrigeration Equipment Market, By System Type:

Self-Contained

Remotely Operated

China Commercial Refrigeration Equipment Market, By Capacity:

Less than 50 cu. Ft.

51 cu. Ft - 100 cu. Ft.

More than 100 cu. Ft

China Commercial Refrigeration Equipment Market, By Region:

South-Central

South-West

East

North-East

North-West

North

## Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the China Commercial Refrigeration Equipment Market.

## Available Customizations:

China Commercial Refrigeration Equipment Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

## Company Information

Detailed analysis and profiling of additional market players (up to five).

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