

Global Refrigeration Coolers Market Size Study, by Component (Evaporators and Air Coolers, Condensers), by Applications (Commercial, Industrial), by Refrigerant (HFC/HFO, NH3, CO2, Glycol, Others), and Regional Forecasts 2022-2032

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Abstracts

The Global Refrigeration Coolers Market was valued at approximately USD 3.70 billion in 2023 and is projected to grow at a robust CAGR of 6.02% during the forecast period of 2024-2032, reaching an estimated value of USD 6.26 billion by the end of 2032. This growth trajectory is propelled by the increasing demand for processed foods, advancements in cold storage solutions, and heightened focus on energy efficiency in refrigeration systems.

Refrigeration coolers play a pivotal role in maintaining food quality and ensuring compliance with stringent food safety standards, as highlighted by rising investments in refrigeration technologies. The increasing consumption of ultra-processed and convenience foods has further underscored the significance of efficient refrigeration systems. Companies such as Carrier Global Corporation and Danfoss A/S are spearheading the development of energy-efficient refrigeration solutions, addressing both consumer demand and environmental concerns.

The market's expansion is also fueled by innovations in energy-efficient technologies, with systems capable of reducing energy consumption by up to 50%, a critical factor as consumers and businesses alike strive to reduce operational costs and environmental impact. Reports indicate that 47% of consumers are willing to pay a premium for eco-friendly refrigeration, prompting retailers to invest in advanced refrigeration solutions that enhance food safety and sustainability.

Globally, the Asia-Pacific region dominated the market in 2023, driven by rapid urbanization, increasing disposable incomes, and heightened demand for refrigerated goods across food and beverage, pharmaceutical, and logistics sectors. Meanwhile, North America emerged as the fastest-growing region, bolstered by advancements in refrigeration technology and a rising emphasis on energy efficiency.

Major market players driving this growth include Carrier Global Corporation, Trane Technologies, Danfoss A/S, and Emerson Electric Co., among others, who continue to innovate within the refrigeration coolers space.

The market is segmented by component, with condensers capturing a significant share due to their critical role in heat exchange and energy efficiency. Additionally, commercial applications dominate the market, with supermarkets, convenience stores, and restaurants prioritizing refrigeration systems to meet consumer demands for fresh and frozen foods.

Key players are also responding to stringent regulatory frameworks, which present challenges but simultaneously drive innovation in eco-friendly refrigeration technologies.

Major market players included in this report are:

Carrier Global Corporation

Trane Technologies

Danfoss A/S

Emerson Electric Co.

Johnson Controls International

GE Appliances

LG Electronics

Whirlpool Corporation

Samsung Electronics

Daikin Industries, Ltd.

Mitsubishi Electric Corporation

Blue Star Limited

Panasonic Corporation

Electrolux AB

AHT Cooling Systems GmbH

The detailed segments and sub-segment of the market are explained below:

By Component

Evaporators and Air Coolers

Condensers

By Applications

Commercial

Industrial

By Refrigerant

HFC/HFO

NH3

CO2

Glycol

Others

Common Content for 'Report Description'

By Region:

North America

U.S.

Canada

Mexico

Europe

Germany

France

UK

Italy

Spain

Netherlands

Switzerland

Austria

Rest of Western Europe

Asia Pacific

China

India

Japan

South Korea

Vietnam

Singapore

Australia

Rest of Asia Pacific

Latin America

Brazil

Argentina

Colombia

Rest of Latin America

Middle East & Africa

UAE

Egypt

Saudi Arabia

Qatar

Nigeria

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market estimates and forecasts for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of the geographical landscape with country-level insights.

Competitive landscape and analysis of major market players.

In-depth exploration of key business strategies.

Recommendations on future market approaches.

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