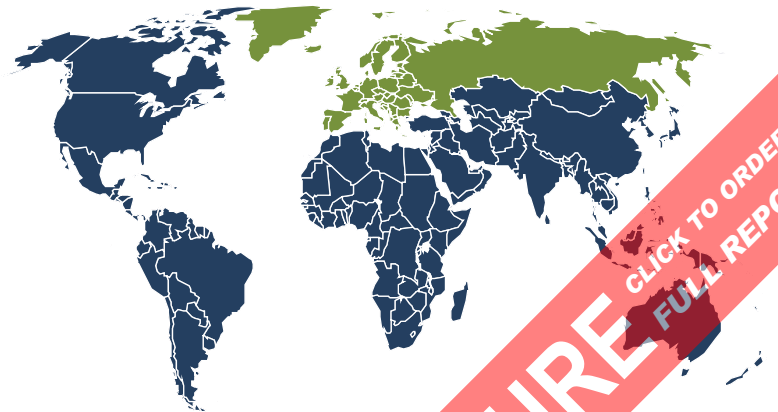


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# Commercial Refrigeration Equipment: Europe

February 2021



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# About This Report

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## Scope

This report forecasts to 2024 commercial refrigeration equipment demand and production in nominal US dollars at the manufacturer level in Europe. Total demand is segmented by product in terms of:

- display cases
- reach-in and walk-in refrigerators and freezers
- beverage refrigeration equipment
- ice machines
- refrigerated vending machines
- other equipment such as liquid chillers and cryogenic equipment, dairy coolers, and refrigerated food preparation stations
- parts

Total demand is also segmented by market as follows:

- food and beverage retail
- foodservice
- food and beverage production
- other markets such as hotels and motels, office buildings, and sports venues

To illustrate historical trends, total demand is provided in annual series from 2009 to 2019; production and the various segments are reported at five-year intervals for 2009, 2014, and 2019.

Excluded from the scope of this report are consumer-type refrigerators, transportation refrigeration systems, and large industrial refrigeration products such as evaporative air coolers and condensing units.

For any given historical year, US dollar amounts are obtained from values expressed in the applicable local currency. These local currency values are converted to US dollars at the average annual exchange rate for that year. For forecast years, the US dollar amounts assume the same annual exchange rate as that prevailing in 2019.

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the Table of Contents.

For the purposes of this report, Europe encompasses the following countries:

## About This Report

**Table 6 | Countries in Western Europe**

Major Markets	Other Western Europe		
France	Andorra	Greenland	Monaco
Germany	Austria	Guernsey	Netherlands
Italy	Belgium	Iceland	Norway
Netherlands	Channel Islands	Ireland	Portugal
Spain	Denmark	Isle of Man	Saint Pierre and Miquelon
United Kingdom	Faeroe Islands	Jersey	San Marino
	Finland	Liechtenstein	Sweden
	Gibraltar	Luxembourg	Switzerland
	Greece	Malta	Vatican City

Source: The Freedonia Group

**Table 7 | Countries in Eastern Europe**

Albania	Hungary	Romania
Belarus	Latvia	Russia*
Bosnia and Herzegovina	Lithuania	Serbia
Bulgaria	Macedonia	Slovakia
Croatia	Moldova	Slovenia
Czech Republic	Montenegro	Ukraine
Estonia	Poland	

\*Major commercial refrigeration equipment market.

Source: The Freedonia Group

## Sources

*Commercial Refrigeration Equipment: Europe* (FE75012) is based on [Global Commercial Refrigeration Equipment](#), a comprehensive industry study published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources, such as:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- intergovernmental and non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group

## About This Report

- the findings of other reports and studies by The Freedonia Group

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

## Industry Codes

**Table 8 | HS Codes Related to Commercial Refrigeration Equipment**

HS Code	Definition
8476	Automatic goods-vending machines (e.g. postage stamp, cigarette, food or beverage machines) including money-changing machines
8418.10	Refrigerators and freezers; combined refrigerator-freezers, fitted with separate external doors electric or other
8418.50	Furniture incorporating refrigerating or freezing equipment; for storage and display, n.e.c.
8418.99	Refrigerating or freezing equipment; parts thereof, other than furniture

Source: United Nations Statistics Division

**Table 9 | NACE Codes Related to Commercial Refrigeration Equipment**

NACE Code	Definition
2825	Manufacture of non-domestic cooling and refrigeration equipment

Source: European Commission

## Freedonia Methodology

The Freedonia Group, a subsidiary of MarketResearch.com, has been in business for more than 30 years and in that time has developed a comprehensive approach to data analysis that takes into account the variety of industries covered and the evolving needs of our customers.

Every industry presents different challenges in market sizing and forecasting, and this requires flexibility in methodology and approach. Freedonia methodology integrates a variety of quantitative and qualitative techniques to present the best overall picture of a market's current position as well as its future outlook: When published data are available, we make sure they are correct and representative of reality. We understand that published data often have flaws either in scope or quality, and adjustments are made accordingly. Where no data are available, we use various methodologies to develop market sizing (both top-down and bottom-up) and then triangulate those results to come up with the most accurate data series possible. Regardless of approach, we also talk to industry participants to verify both historical perspective and future growth opportunities.

## About This Report

Methods used in the preparation of Freedonia market research include, but are not limited to, the following activities: comprehensive data mining and evaluation, primary research, consensus forecasting and analysis, ratio analysis using key indicators, regression analysis, end use growth indices and intensity factors, purchase power parity adjustments for global data, consumer and end user surveys, market share and corporate sales analysis, product lifespan analysis, product or market life cycle analysis, graphical data modeling, long-term historical trend analysis, bottom-up and top-down demand modeling, and comparative market size ranking.

Freedonia quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or  $r^2$ . The most stable data series relative to the trend carries an  $r^2$  value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

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## Resources

### The Freedonia Group

*Global Commercial Refrigeration Equipment*

### Freedonia Industry Studies

*Commercial Refrigeration Equipment*

*Food Containers in the US*

*Foodservice Single-Use Products*

*Frozen Food Packaging*

*Global Food Processing Machinery*

*Global Foodservice*

*Global Foodservice Single-Use Products*

*Global HVAC Equipment*

*Global Industrial & OEM Insulation*

*Global Major Household Appliances*

*HVAC Equipment*

*Meat, Poultry, & Seafood Packaging*

*Outdoor Kitchens*

### Freedonia Focus Reports

*COVID-19 Market Impact Analysis*

*Food Processing Machinery: Europe*

*Foodservice Single-Use Products: Europe*

*Global Demographics*

*Global Macroeconomy*

*HVAC Equipment: United Kingdom*

*Industrial & OEM Insulation: Europe*

*Industrial Fasteners: Europe*

*Major Household Appliances: United States*

*Pallets: Europe*

*Plumbing Fixtures & Fittings: Europe*

*Restaurants & Foodservice: Europe*

*Transport Refrigeration Systems: United States*

### Freedonia Custom Research

### Packaged Facts

*Food Carryout & Delivery: Special COVID-19 Consumer Insights*



### **Trade Publications**

*Air Conditioning, Heating & Refrigeration News*

*Automatic Merchandiser*

*Global Cold Chain News*

*Refrigeration and Air Conditioning*

*Winsight Grocery Business*

### **Agencies & Associations**

Air-Conditioning, Heating, and Refrigeration Institute (AHRI)

Eurostat

Federal Statistical Office of Germany

Heating, Air-Conditioning & Refrigeration Distributors International (HARDI)

Instituto Nacional de Estadística (Spain)

International Council of Air-Conditioning, Refrigeration, and Heating Manufacturers Associations (ICARHMA)

International Institute of Refrigeration (IIR)

International Monetary Fund

Office for National Statistics (United Kingdom)

Organisation for Economic Co-Operation and Development

United Nations Comtrade

World Bank