Global demand to rise 4.5% annually through 2012

World demand for commercial refrigeration equipment is projected to rise 4.5 percent per year (including price increases) through 2012 to $29.5 billion, with developing nations expected to register the strongest gains. This represents a deceleration from the 2002-2007 period, reflecting decelerating economic growth in developing regions and Eastern Europe. However, rising income levels will continue to bolster most refrigeration consuming sectors in these regions.

The fastest growth in production will be in industrializing parts of the world. China has been posting the strongest annual output gains, a trend that is expected to continue due both to rising domestic demand and increasing exports. However, the majority of commercial refrigeration equipment output originates in the US, Western Europe and Japan.

Latin America, Asia/Pacific regions show best prospects

Strongest market opportunities are in Latin America and the Asia/Pacific region, where faster population growth and improved standards of living will stimulate demand for commercial refrigeration equipment in markets such as food and beverage distribution, retailing and restaurants. China will record some of the strongest increases, with demand rising nearly ten percent annually through 2012. India will also post strong gains, as the nation improves the efficiency of its food distribution network.

The developed nations of North America, Western Europe and Asia/Pacific (i.e., Australia, Hong Kong, Japan, New Zealand, Singapore, South Korea) comprise mature markets for commercial refrigeration equipment. The US will remain the largest market in the world, as replacement demand continues to create opportunities. Japan and Western Europe will register below average gains through 2012, although they will also see improvements over their performances of the 2002-2007 period.

Reach-in, walk-in products to be fastest growing types

Reach-in and walk-in coolers and freezers are expected to be among the fastest growing product groups, due to their widespread use in all of the major markets. These appliances are used by food processors, restaurants and food retailers, and are expected to have solid gains in developing regions. Display cases will benefit from a growing middle class, which will spur gains in the food and beverage retail segment. Growth in demand for ice machines will be due to the increasing number of restaurants globally.

Study coverage

This new Freedonia industry study, World Commercial Refrigeration Equipment, is priced at $5700. It presents historical demand data (1997, 2002 and 2007) plus forecasts for 2012 and 2017 by commercial refrigeration product, and for six world regions and 27 major countries. The study also considers market environment factors, evaluates company market share and profiles industry competitors.
World Commercial Refrigeration Equipment

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Company Profiles
This study can help you:

- Determine your market & sales potential
- Learn more about industry competitors
- Assess new products & technologies
- Identify firms to merge with or acquire
- Complement your research & planning
- Gather data for presentations
- Confirm your own internal data
- Make better business decisions

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### China Commercial Refrigeration Equipment Demand by Type

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Source: The Freedonia Group, Inc.

### Industry Studies

- **ASIA/PACIFIC**
  - Shipment of commercial refrigeration equipment from plants in China will increase to $2.4 billion, continuing to outpace the rise in global market conditions and resulting in an improved trade surplus. Output gains through 2012 will be fueled by healthy domestic market conditions and additional investment by foreign multinationals in Chinese commercial refrigeration equipment plants will also help boost output.

  Among the major domestic manufacturers are Dalian Bingshan, Jiansu Shuangliang, Yantai Moon and Zhejiang Lianfeng. Companies that maintain manufacturing activities in China include Danfoss, Dunham-Bush, Emerson Electric, Enodis, Fukusima, GEA, IMI Cornelius, Ingersoll-Rand (via Hussmann), Manitowoc, SANYO and York.

### Company Profiles

Profiles for over 40 global industry competitors such as IMI, Ingersoll-Rand, Manitowoc, Metalfrío and United Technologies

### Sample Text

- Data illustrated with the aid of more than 100 tables and charts

### Sample Table

**Country Commercial Refrigeration Equipment Demand by Type (million dollars)**

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Source: The Freedonia Group, Inc.

### Supply & Demand

**Reach-In & Walk-In Coolers & Freezers**

Demand for reach-in and walk-in coolers and freezers is expected to grow at a CAGR of 5.1% annually to $7.9 billion in 2012. Advances will benefit from the rising number of active retail food outlets, and from the rising number of retail food outlets, and from a growing number of restaurants and other eating places, especially in developing markets. In addition, improving capital and Western Europe will provide opportunities for expansions and renovations that have been postponed due to economic concerns in recent years will be undertaken.

Reach-in coolers and freezers are typically constructed from stainless steel and have a thick layer of insulation in the walls, doors and floor. The cabinets have one to three doors and are available in a number of sizes. Although reach-ins resemble household refrigerators, commercial versions utilize few plastic parts, incorporate larger compressor units and do not usually combine refrigerator and freezer compartments in the same unit. These design features stem from the needs of end users and heavy duty usage of most reach-ins. For example, for a walk-in, commercial reach-ins may be large, opening and closing hundreds of times per day, placing mechanical strain on the refrigeration system.

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### Freedaonia’s Methods Involve:

- Establishing consistent economic and market forecasts
- Using input/output ratios, flow charts and other economic methods to quantify data
- Employing in-house analysts who meet stringent quality standards
- Interviewing key industry participants, experts and end users
- Researching a proprietary database that includes trade publications, government reports and corporate literature
Gasket & Seals
This study analyzes the US gasket and seal industry. It presents historical demand data (1997, 2002 and 2007) and forecasts for 2012 and 2017 by product (e.g., o-rings, flexible seals and packings, diaphragm seals, body seals, rotary oil seals, axial and mechanical face seals, compression packings), and by market (e.g., motor vehicles, industrial machinery, electrical and electronic products). The study also considers market environment factors, details industry structure, evaluates company market share and profiles major players.
#2416.................. 11/2008 .................... $4700

World Lighting Fixtures
Global demand for lighting fixtures will rise 5.2% annually through 2012. While demand in the large markets of Japan and the US will increase, the developing economies of Asia and Eastern Europe will grow the fastest. China is forecast to become the largest national lighting fixture market in 2012, surpassing the US. This study analyzes the world lighting fixture industry, with forecasts for 2012 and 2017 by product, market, world region and for 23 countries. It also evaluates market share and profiles industry players.
#2391.................. 08/2008 .................... $5700

Commercial Refrigeration Equipment
US commercial refrigeration equipment demand will rise 3.9% yearly through 2012, driven in part by the ongoing addition of foodservice operators and food retailers. Foodservice will remain the largest market, while food and beverage distribution grows the fastest. Cryogenic equipment and display cases are among the best opportunities. This study analyzes the $7.6 billion US commercial refrigeration equipment industry, with forecasts for 2012 and 2017 by market and product. It also details market share and profiles industry players.
#2365.................. 07/2008 .................... $4500

World Pumps
Global demand for fluid handling pumps will increase 4.4% annually through 2012. Developing areas such as China and India will offer strong growth prospects. Centrifugal pumps will remain the largest type, while diaphragm and turbine pumps will post more rapid gains. Utilities will exhibit the fastest growth among the major pump markets. This study analyzes the world pumps industry, with forecasts for 2012 and 2017 by type, market, world region and for 35 countries. It also details market share and profiles industry players.
#2349.................. 05/2008 .................... $5800

World HVAC Equipment
Global demand for HVAC equipment will rise 5.8% annually through 2012. Demand in the Asia/Pacific region will outpace the world average, led by China and India. Opportunities also exist in developed areas, most notably the US and Western Europe. Cooling equipment will continue to outpace heating equipment. This study analyzes the $63.1 billion world HVAC equipment industry, with forecasts for 2012 and 2017 by product, world region and for 18 countries. It also evaluates market share and profiles 30 industry participants.
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