Freedonia Focus Reports
US Collection

Heating Equipment:
United States

April 2019

www.freedoniafocusreports.com

Table of Contents

List of Tables & Figures

About This Report

Scope

This report forecasts to 2023 US heating equipment demand and shipments in nominal US dollars at the manufacturer level. Total demand and shipments are segmented by product in terms of:

- warm air furnaces
- boilers
- room and zone heating equipment

Total demand is also segmented by market as follows:

- commercial
- residential

To illustrate historical trends, total demand is provided in annual series from 2008 to 2018; total shipments and the various segments are reported at five-year intervals for 2008, 2013, and 2018.

Products excluded from the scope of this report include portable HVAC equipment, including air conditioners, heaters, dehumidifiers, and humidifiers; ventilation equipment, including ductwork, radiators, and distribution pipes; and parts and attachments.

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

Sources

Heating Equipment: United States (FF75047) is based on *HVAC 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 organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- 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 6	NAICS & SIC Codes Related to Heating Equipment		
NAICS/SCIAN 2007		**SIC**	
North American Industry Classification System		**Standard Industrial Classification**	
333414	Heating Equipment (except Warm Air Furnaces) Mfg	3433	Heating Equipment, Except Electric and Warm Air Furnaces
333415	Air Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Mfg	3585	Air Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment

Source: US Census Bureau

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.

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.

Copyright & Licensing

The full report is protected by copyright laws of the United States of America and international treaties. The entire contents of the publication are copyrighted by The Freedonia Group.

Resources

The Freedonia Group
HVAC Equipment
Freedonia Industry Studies
Behind the Wall Plumbing
Commercial Refrigeration Equipment in the US
Global Acoustic Insulation
Global Commercial Refrigeration Equipment
Global Filters
Global HVAC Equipment
Roofing Accessories
Smart & Connected Thermostats in the US
Freedonia Focus Reports
Commercial Refrigeration Equipment: United States
Construction: United States
Filters: United States
Household Refrigerators & Freezers: United States
Housing: United States
HVAC Equipment: United States
Nonresidential Building Construction: United States
Prefabricated Housing: United States
Freedonia Custom Research

Trade Publications
Air Conditioning, Heating & Refrigeration News
appliance DESIGN
CONTRACTOR
Engineered Systems

Agencies & Associations
Air Conditioning, Heating, and Refrigeration Institute
American Public Gas Association
American Society of Heating, Refrigerating, and Air-Conditioning Engineers
American Society of Mechanical Engineers
Institute of Heating and Air Conditioning Industries
United States Census Bureau
United States Environmental Protection Agency
United States International Trade Commission