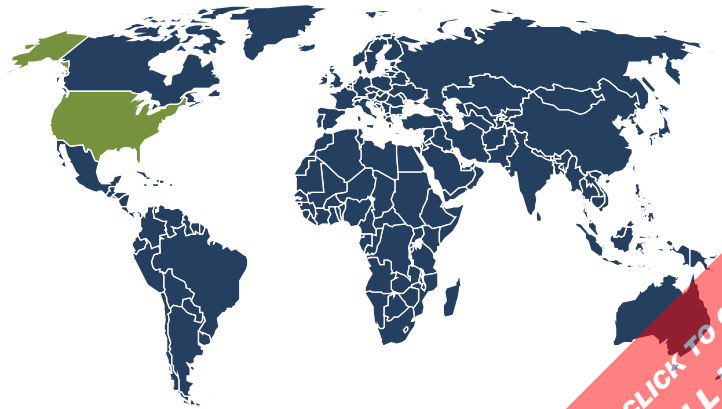


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Heating Equipment: United States

April 2017



Highlights

Market Environment

Historical Trends | Key Economic Indicators | Trade | Energy Efficiency

Segmentation and Forecasts

Products | Markets | Shipments

Industry Structure

Industry Characteristics | Market Share

Resources

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Table of Contents

1. Highlights	3
2. Market Environment	5
Historical Trends	5
Key Economic Indicators	6
Trade	7
Energy Efficiency	9
3. Segmentation & Forecasts	10
Products	10
Warm Air Furnaces	11
Boilers	12
Room & Zone Heating Equipment	13
Markets	15
Commercial	16
Residential	17
Shipments	20
4. Industry Structure	22
Industry Characteristics	22
Market Share	23
5. About This Report	26
Scope & Method	26
Sources	26
Industry Codes	27
Resources	28

List of Tables & Figures

Figure 1 Key Trends in US Heating Equipment Market, 2016-2021	4
Figure 2 US Heating Equipment Demand Trends, 2006-2016	5
Table 1 Key Indicators for US Heating Equipment Demand; 2006, 2011, 2016, 2021 (US\$ bil)	6
Figure 3 US Heating Equipment Trade; 2006, 2011, 2016, 2021 (US\$ mil)	7
Table 2 US Heating Equipment Trade; 2006, 2011, 2016, 2021 (US\$ mil)	7
Figure 4 US Heating Equipment Demand by Product; 2006, 2011, 2016, 2021 (US\$ mil)	10
Table 3 US Heating Equipment Demand by Product; 2006, 2011, 2016, 2021 (US\$ mil)	10
Figure 5 US Heating Equipment Demand by Product Share; 2006, 2011, 2016, 2021 (%)	13
Figure 6 US Heating Equipment Demand by Market; 2006, 2011, 2016, 2021 (US\$ mil)	15
Table 4 US Heating Equipment Demand by Market; 2006, 2011, 2016, 2021 (US\$ mil)	15
Figure 7 US Heating Equipment Demand by Market Share; 2006, 2011, 2016, 2021 (%)	18
Figure 8 US Heating Equipment Shipments by Product; 2006, 2011, 2016, 2021 (US\$ mil)	20
Table 5 US Heating Equipment Shipments by Product; 2006, 2011, 2016, 2021 (US\$ mil)	20
Figure 9 US Heating Equipment Shipments by Product Share; 2006, 2011, 2016, 2021 (%)	21
Figure 10 US Heating Equipment Market Share by Company, 2016	23
Table 6 Leading Suppliers to the US Heating Equipment Market by Product	24
Table 7 Industry Codes Related to Heating Equipment	27

About This Report

Scope & Method

This report forecasts US heating equipment demand and shipments in US dollars at the manufacturers' level to 2021. Total demand and shipments are segmented by product in terms of:

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

For the purposes of this report, demand only includes non-portable heating. In addition, boilers that solely supply hot water are also excluded, as are heat pumps of all types.

Total demand is also segmented by market as follows:

- commercial
- residential.

To illustrate historical trends, total demand and total shipments are provided in annual series from 2006 to 2016; the various segments are reported at five-year intervals for 2006, 2011, and 2016.

This report 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.

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.

Sources

Heating Equipment: United States (FF75047) is based on [Heating Equipment Market in the US](#), a comprehensive industry study published by The Freedonia Group. Reported findings

About This Report

represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental 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 7 | Industry Codes Related to Heating Equipment

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
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

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Resources

The Freedonia Group

Heating Equipment Market in the US, April 2017

Freedonia Industry Studies

Heat Pump Market in the US, March 2017

World Commercial Refrigeration Equipment, October 2016

World HVAC Equipment, May 2016

Air & Fluid Filters, April 2016

Commercial Refrigeration Equipment, March 2016

World Major Household Appliances, February 2016

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Air & Fluid Filters: United States

Commercial Refrigeration Equipment: United States

Construction: United States

HVAC Equipment: United States

Major Household Appliances: United States

Nonresidential Building Construction: United States

Prefabricated Housing: United States

World Air & Fluid Filters

World Commercial Refrigeration Equipment

World HVAC Equipment

World Major Household Appliances

World Prefabricated Housing

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

About This Report

United States Environmental Protection Agency
United States International Trade Commission