

## **United States Air Conditioning Equipment Market Report and Forecast 2025-2034**

Market Report | 2025-06-29 | 125 pages | EMR Inc.

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### **Report description:**

The United States air conditioning equipment market was valued at USD 24.35 Billion in 2024. The industry is expected to grow at a CAGR of 5.60% during the forecast period of 2025-2034 to attain a valuation of USD 41.99 Billion by 2034.

#### United States Air Conditioning Equipment Market Outlook

Rising temperatures across US have led to rising dependence on air conditioning. The U.S. Energy Information Administration (EIA) recently reported that around 88% of households in the country are equipped with air conditioners, which has also augmented growth of the United States air conditioning equipment market. Also, there is a growing demand for energy-efficient and eco-friendly air conditioning systems in the country. Due to this, dual inverter technology, which reduces energy consumption by 35-45%, is becoming more prevalent in the market.

Recently, LG launched a window inverter air conditioners that use dual inverter technology. Similarly, in 2023, Carrier launched split air conditioners compliant with the 2023 Department of Energy (DOE) efficiency regulations, featuring SEER2 ratings up to 16.5 and EER2 ratings up to 13.5. These standards improve energy efficiency by 15-20%. Moreover, the integration of smart technologies such as Wi-Fi connectivity and IoT is enhancing appeal and functionality of air conditioners. This trend in the United States air conditioning equipment market is anticipated to attract tech-savvy consumers of the country.

#### Far West is Leading the United States Air Conditioning Equipment Market Share Due to Increased Construction Activities in the Region

- From 2024 to 2032, the Far West region is expected to see the highest growth in the air conditioning market, with a CAGR of 6.6%. This growth is driven by rising urbanization, increased construction activities, and a growing preference for energy-efficient cooling systems.
- The Rocky Mountain region follows with a CAGR of 6.2%, supported by similar trends and increasing demand for cooling solutions

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in residential and commercial spaces.

- The Southwest and Southeast regions show robust air conditioning equipment demand growth in United States with CAGRs of 5.9% and 5.6%, respectively.
- New England and the Mideast are expected to experience moderate growth, with CAGRs of 5.3% and 4.9%.
- The Great Lakes region lags with a lower CAGR of 4.3%, indicating slower adoption rates in this area.

Rising Demand for Split and Central Air Conditioners are Propelling the United States Air Conditioning Equipment Market Growth

- Split air conditioners are anticipated to lead the market with a CAGR of 6.3%, reflecting their increasing popularity due to energy efficiency and ease of installation.
- Central air conditioners follow closely with a CAGR of 6.0%, driven by their widespread use in commercial and large residential buildings.
- Packaged air conditioners are expected to grow at a CAGR of 5.5%, favoured for their compact design and use in small commercial spaces.
- Room air conditioners show steady growth with a CAGR of 5.1%, indicating continued demand in smaller residential settings.

Expansion of Residential and Commercial Sector is an Emerging United States Air Conditioning Equipment Market Trends

- The residential sector is expected to lead the market with a CAGR of 6.4%, driven by rising consumer demand for air conditioning systems in homes, particularly in regions experiencing hotter climates.
- The commercial sector follows with a CAGR of 6.0%, supported by the expansion of commercial spaces and the need for efficient cooling solutions in offices, retail spaces, and other commercial establishments.
- The industrial sector, with a CAGR of 5.4%, shows positive air conditioning equipment demand forecast in United States due to the need for climate control in industrial processes and warehouses.

Key Questions Answered in the Report:

- How has the United States air conditioning equipment market performed historically, and what are the growth expectations for the future?
- What are the primary factors influencing demand and growth in the United States air conditioning equipment market?
- What are the key segments within the United States air conditioning equipment market, and how are they expected to evolve over the forecast period?
- What are the major challenges and opportunities facing stakeholders in the United States air conditioning equipment market?
- Who are the key players in the United States air conditioning equipment market, and what strategies are they employing to maintain a competitive edge?

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- What are the regulatory and policy factors influencing the United States air conditioning equipment market globally or regionally?
- How competitive is the United States air conditioning equipment market according to Porter's five forces analysis, including factors like bargaining power of buyers and suppliers?
- What are the current trends shaping the United States air conditioning equipment market landscape, and how are they expected to evolve in the future?
- How are technological advancements impacting the United States air conditioning equipment market, and what role do innovation and R&D play in driving growth?
- What are the consumer preferences and buying behavior trends influencing the United States air conditioning equipment market?
- How sustainable are current growth rates in the United States air conditioning equipment market, and what factors could potentially disrupt these trends?
- What are the regional dynamics within the United States air conditioning equipment market, and how do they contribute to overall market growth?
- What are the economic factors influencing the United States air conditioning equipment market, such as GDP growth, inflation rates, and currency fluctuations?
- How are demographic shifts, such as aging populations or urbanization trends, affecting demand in the United States air conditioning equipment market?
- What are the key strategic partnerships, mergers, and acquisitions shaping the competitive landscape of the United States air conditioning equipment market?
- What are the regulatory and legal frameworks impacting the United States air conditioning equipment market globally or in key regions?
- How are changing consumer lifestyles and preferences influencing product or service demand within the United States air conditioning equipment market?
- What are the emerging market trends and niche opportunities within the United States air conditioning equipment market that stakeholders should be aware of?
- How resilient is the United States air conditioning equipment market to external shocks or disruptions, such as geopolitical tensions or natural disasters?
- What are the potential barriers to market entry and growth for new players in the United States air conditioning equipment market?

Key Benefits for Stakeholders:

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Expert Market Research's industry report provides a comprehensive quantitative analysis of various market segments, historical and current market trends, and forecasts the dynamics of the United States air conditioning equipment market spanning from 2018 to 2034.

The research report delivers up-to-date insights into the market drivers, challenges, and opportunities shaping the United States air conditioning equipment market.

Stakeholders can leverage Porter's five forces analysis to assess the impact of new entrants, competitive rivalry, supplier power, buyer power, and the threat of substitution. This analysis aids in evaluating the competitiveness and attractiveness of the United States air conditioning equipment market.

The competitive landscape section enables stakeholders to gain a deep understanding of their competitive environment. It offers insights into the current market positions of key players, their strategies, and their market shares.

Additionally, the report highlights emerging trends, regulatory influences, and technological advancements that are pivotal for stakeholders navigating the United States air conditioning equipment market landscape.

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