

Steam & Air-Conditioning Supply Market Outlook 2025-2034: Market Share, and Growth Analysis By Type (Distribution Of Steam and Heated Air, and Distribution Of Cooled Air), By Distribution Channel (Multi-Brand Stores, Exclusive Stores, Online, and Other Distribution Channels), By End User

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Abstracts

The Steam & Air-Conditioning Supply Market is valued at USD 91.2 billion in 2025 and is projected to grow at a CAGR of 6.5% to reach USD 160.6 billion by 2034. The steam and air-conditioning supply market is a critical component of the global HVAC (heating, ventilation, and air conditioning) industry, providing essential services for regulating temperature, humidity, and air quality in residential, commercial, and industrial buildings. Steam supply systems, commonly used in energy generation and manufacturing processes, are essential for providing heat and power to a wide range of applications. On the other hand, air-conditioning systems are designed to regulate indoor temperatures and maintain comfortable living and working conditions in various environments. As global temperatures rise and the demand for energy-efficient solutions grows, the market for steam and air-conditioning supply continues to expand. Technological advancements in energy efficiency, sustainability, and automation have made these systems smarter, reducing energy consumption and increasing operational efficiency. Furthermore, the growing construction industry and rising demand for climate control in emerging markets are contributing to the growth of the market. The steam and air-conditioning supply market experienced significant developments, particularly in the context of improving energy efficiency and reducing carbon footprints. Manufacturers and service providers increasingly focused on the integration of renewable energy sources, such as solar and geothermal energy, into their systems, aiming to reduce reliance on traditional, fossil fuel-powered heating and cooling. Additionally, the demand

for smarter, more automated systems surged as the adoption of IoT (Internet of Things) and AI-driven technologies helped optimize energy use and system performance. Smart thermostats, energy management systems, and predictive maintenance solutions became more prevalent, enabling businesses and consumers to improve energy efficiency and reduce operating costs. Furthermore, stricter environmental regulations and sustainability initiatives across various regions fueled the shift toward greener and more energy-efficient systems. However, supply chain disruptions and increasing raw material prices created challenges for manufacturers and service providers, affecting the overall cost and availability of equipment and installation services in 2024. The steam and air-conditioning supply market is expected to continue growing, with ongoing advancements in energy efficiency and automation driving the adoption of more sophisticated systems. As the demand for sustainable and eco-friendly solutions intensifies, innovations in low-GWP (global warming potential) refrigerants and advanced heat pump technologies will further shape the industry. The increased integration of renewable energy sources into HVAC systems will become a prominent trend, particularly in regions aiming to meet ambitious climate goals. Additionally, the rise of smart cities and urbanization will drive demand for advanced climate control solutions that improve both energy efficiency and occupant comfort. The growing focus on indoor air quality, driven by health concerns and environmental factors, will also contribute to market growth. However, the market will face challenges related to the high upfront costs of installing advanced systems, the complexity of integrating renewable energy solutions, and regulatory constraints in certain regions, which could hinder broader adoption in the short term.

Key Insights Steam & Air-Conditioning Supply Market

There is an increasing trend toward integrating renewable energy sources, such as solar and geothermal, into HVAC systems to reduce reliance on fossil fuels and promote sustainability.

The rise of smart thermostats and IoT-enabled HVAC systems allows for greater energy management and optimization, improving overall energy efficiency and reducing operational costs.

Growing adoption of low-GWP refrigerants and the development of advanced heat pump technologies is driving the shift toward more eco-friendly air-conditioning solutions.

The demand for energy-efficient and cost-effective heating and cooling solutions

is accelerating, especially in regions with strict environmental regulations and high energy costs.

Indoor air quality concerns are prompting the development of advanced filtration and ventilation systems, which are integrated into HVAC systems to improve the health and comfort of occupants.

Global environmental regulations and climate goals are driving demand for sustainable, energy-efficient heating and cooling systems that minimize carbon emissions and energy consumption.

The growing construction industry, especially in emerging markets, is driving the demand for advanced HVAC systems in residential, commercial, and industrial buildings.

The increasing need for better indoor air quality and climate control systems, especially in the wake of the COVID-19 pandemic, is propelling the demand for advanced filtration and HVAC technologies.

Technological advancements in energy efficiency, automation, and renewable energy integration are improving the affordability and performance of steam and air-conditioning systems, leading to wider adoption.

The high upfront cost of advanced, energy-efficient HVAC systems and the complexity of integrating renewable energy solutions into existing infrastructure remain significant challenges for broader adoption, particularly in price-sensitive markets.

Steam & Air-Conditioning Supply Market Segmentation

By Type

Distribution Of Steam and Heated Air

and Distribution Of Cooled Air

By Distribution Channel

Multi-Brand Stores

Exclusive Stores

Online

and Other Distribution Channels

By End User

Residential

Commercial

Key Companies Analysed

Carrier Corporation

Trane Inc.

Daikin Applied Americas Inc.

Goodman Manufacturing Company LP

Rheem Manufacturing Company

Siemens AG

Johnson Controls International PLC

United Technologies Corporation

Honeywell International Inc.

Mitsubishi Electric Corporation

Schneider Electric SE

Nortek Global HVAC LLC

Asea Brown Boveri Ltd

Zamil Air Conditioners

York International Corporation

Spirax-Sarco Engineering plc

Lennox International Inc.

SPX Corporation

BDR Thermea Group B.V.

Viessmann Group

Babcock & Wilcox Enterprises Inc.

Doosan Corporation

Weil-McLain

Greenheck Fan Corporation

AAON Inc.

Cleaver-Brooks Inc.

Hamon & Cie SA

Toshiba Carrier Corporation

AESYS Technologies LLC

Watsco Inc.

Steam & Air-Conditioning Supply Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

Steam & Air-Conditioning Supply Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

Countries Covered

North America — Steam & Air-Conditioning Supply market data and outlook to 2034

United States

Canada

Mexico

Europe — Steam & Air-Conditioning Supply market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Steam & Air-Conditioning Supply market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Steam & Air-Conditioning Supply market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Steam & Air-Conditioning Supply market data and outlook to 2034

Brazil

Argentina

Chile

Peru

** We can include data and analysis of additional countries on demand.*

Research Methodology

This study combines primary inputs from industry experts across the Steam & Air-Conditioning Supply value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

Key Questions Addressed

What is the current and forecast market size of the Steam & Air-Conditioning Supply industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

Your Key Takeaways from the Steam & Air-Conditioning Supply Market Report

Global Steam & Air-Conditioning Supply market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Steam & Air-Conditioning Supply trade, costs, and supply chains

Steam & Air-Conditioning Supply market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Steam & Air-Conditioning Supply market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Steam & Air-Conditioning Supply market trends, drivers, restraints, and opportunities

Porter’s Five Forces analysis, technological developments, and Steam & Air-Conditioning Supply supply chain analysis

Steam & Air-Conditioning Supply trade analysis, Steam & Air-Conditioning Supply market price analysis, and Steam & Air-Conditioning Supply supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and

products

Latest Steam & Air-Conditioning Supply market news and developments

Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

** The updated report will be delivered within 3 working days*

Contents

1. TABLE OF CONTENTS

- 1.1 List of Tables
- 1.2 List of Figures

2. GLOBAL STEAM & AIR-CONDITIONING SUPPLY MARKET SUMMARY, 2025

- 2.1 Steam & Air-Conditioning Supply Industry Overview
 - 2.1.1 Global Steam & Air-Conditioning Supply Market Revenues (In US\$ billion)
- 2.2 Steam & Air-Conditioning Supply Market Scope
- 2.3 Research Methodology

3. STEAM & AIR-CONDITIONING SUPPLY MARKET INSIGHTS, 2024-2034

- 3.1 Steam & Air-Conditioning Supply Market Drivers
- 3.2 Steam & Air-Conditioning Supply Market Restraints
- 3.3 Steam & Air-Conditioning Supply Market Opportunities
- 3.4 Steam & Air-Conditioning Supply Market Challenges
- 3.5 Tariff Impact on Global Steam & Air-Conditioning Supply Supply Chain Patterns

4. STEAM & AIR-CONDITIONING SUPPLY MARKET ANALYTICS

- 4.1 Steam & Air-Conditioning Supply Market Size and Share, Key Products, 2025 Vs 2034
- 4.2 Steam & Air-Conditioning Supply Market Size and Share, Dominant Applications, 2025 Vs 2034
- 4.3 Steam & Air-Conditioning Supply Market Size and Share, Leading End Uses, 2025 Vs 2034
- 4.4 Steam & Air-Conditioning Supply Market Size and Share, High Growth Countries, 2025 Vs 2034
- 4.5 Five Forces Analysis for Global Steam & Air-Conditioning Supply Market
 - 4.5.1 Steam & Air-Conditioning Supply Industry Attractiveness Index, 2025
 - 4.5.2 Steam & Air-Conditioning Supply Supplier Intelligence
 - 4.5.3 Steam & Air-Conditioning Supply Buyer Intelligence
 - 4.5.4 Steam & Air-Conditioning Supply Competition Intelligence
 - 4.5.5 Steam & Air-Conditioning Supply Product Alternatives and Substitutes Intelligence

4.5.6 Steam & Air-Conditioning Supply Market Entry Intelligence

5. GLOBAL STEAM & AIR-CONDITIONING SUPPLY MARKET STATISTICS – INDUSTRY REVENUE, MARKET SHARE, GROWTH TRENDS AND FORECAST BY SEGMENTS, TO 2034

5.1 World Steam & Air-Conditioning Supply Market Size, Potential and Growth Outlook, 2024- 2034 (\$ billion)

5.1 Global Steam & Air-Conditioning Supply Sales Outlook and CAGR Growth By Type, 2024- 2034 (\$ billion)

5.2 Global Steam & Air-Conditioning Supply Sales Outlook and CAGR Growth By Distribution Channel, 2024- 2034 (\$ billion)

5.3 Global Steam & Air-Conditioning Supply Sales Outlook and CAGR Growth By End User, 2024- 2034 (\$ billion)

5.4 Global Steam & Air-Conditioning Supply Market Sales Outlook and Growth by Region, 2024- 2034 (\$ billion)

6. ASIA PACIFIC STEAM & AIR-CONDITIONING SUPPLY INDUSTRY STATISTICS – MARKET SIZE, SHARE, COMPETITION AND OUTLOOK

6.1 Asia Pacific Steam & Air-Conditioning Supply Market Insights, 2025

6.2 Asia Pacific Steam & Air-Conditioning Supply Market Revenue Forecast By Type, 2024- 2034 (USD billion)

6.3 Asia Pacific Steam & Air-Conditioning Supply Market Revenue Forecast By Distribution Channel, 2024- 2034 (USD billion)

6.4 Asia Pacific Steam & Air-Conditioning Supply Market Revenue Forecast By End User, 2024- 2034 (USD billion)

6.5 Asia Pacific Steam & Air-Conditioning Supply Market Revenue Forecast by Country, 2024- 2034 (USD billion)

6.5.1 China Steam & Air-Conditioning Supply Market Size, Opportunities, Growth 2024- 2034

6.5.2 India Steam & Air-Conditioning Supply Market Size, Opportunities, Growth 2024- 2034

6.5.3 Japan Steam & Air-Conditioning Supply Market Size, Opportunities, Growth 2024- 2034

6.5.4 Australia Steam & Air-Conditioning Supply Market Size, Opportunities, Growth 2024- 2034

7. EUROPE STEAM & AIR-CONDITIONING SUPPLY MARKET DATA,

PENETRATION, AND BUSINESS PROSPECTS TO 2034

7.1 Europe Steam & Air-Conditioning Supply Market Key Findings, 2025

7.2 Europe Steam & Air-Conditioning Supply Market Size and Percentage Breakdown By Type, 2024- 2034 (USD billion)

7.3 Europe Steam & Air-Conditioning Supply Market Size and Percentage Breakdown By Distribution Channel, 2024- 2034 (USD billion)

7.4 Europe Steam & Air-Conditioning Supply Market Size and Percentage Breakdown By End User, 2024- 2034 (USD billion)

7.5 Europe Steam & Air-Conditioning Supply Market Size and Percentage Breakdown by Country, 2024- 2034 (USD billion)

7.5.1 Germany Steam & Air-Conditioning Supply Market Size, Trends, Growth Outlook to 2034

7.5.2 United Kingdom Steam & Air-Conditioning Supply Market Size, Trends, Growth Outlook to 2034

7.5.2 France Steam & Air-Conditioning Supply Market Size, Trends, Growth Outlook to 2034

7.5.2 Italy Steam & Air-Conditioning Supply Market Size, Trends, Growth Outlook to 2034

7.5.2 Spain Steam & Air-Conditioning Supply Market Size, Trends, Growth Outlook to 2034

8. NORTH AMERICA STEAM & AIR-CONDITIONING SUPPLY MARKET SIZE, GROWTH TRENDS, AND FUTURE PROSPECTS TO 2034

8.1 North America Snapshot, 2025

8.2 North America Steam & Air-Conditioning Supply Market Analysis and Outlook By Type, 2024- 2034 (\$ billion)

8.3 North America Steam & Air-Conditioning Supply Market Analysis and Outlook By Distribution Channel, 2024- 2034 (\$ billion)

8.4 North America Steam & Air-Conditioning Supply Market Analysis and Outlook By End User, 2024- 2034 (\$ billion)

8.5 North America Steam & Air-Conditioning Supply Market Analysis and Outlook by Country, 2024- 2034 (\$ billion)

8.5.1 United States Steam & Air-Conditioning Supply Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.5.1 Canada Steam & Air-Conditioning Supply Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.5.1 Mexico Steam & Air-Conditioning Supply Market Size, Share, Growth Trends and

Forecast, 2024- 2034

9. SOUTH AND CENTRAL AMERICA STEAM & AIR-CONDITIONING SUPPLY MARKET DRIVERS, CHALLENGES, AND FUTURE PROSPECTS

9.1 Latin America Steam & Air-Conditioning Supply Market Data, 2025

9.2 Latin America Steam & Air-Conditioning Supply Market Future By Type, 2024- 2034 (\$ billion)

9.3 Latin America Steam & Air-Conditioning Supply Market Future By Distribution Channel, 2024- 2034 (\$ billion)

9.4 Latin America Steam & Air-Conditioning Supply Market Future By End User, 2024- 2034 (\$ billion)

9.5 Latin America Steam & Air-Conditioning Supply Market Future by Country, 2024- 2034 (\$ billion)

9.5.1 Brazil Steam & Air-Conditioning Supply Market Size, Share and Opportunities to 2034

9.5.2 Argentina Steam & Air-Conditioning Supply Market Size, Share and Opportunities to 2034

10. MIDDLE EAST AFRICA STEAM & AIR-CONDITIONING SUPPLY MARKET OUTLOOK AND GROWTH PROSPECTS

10.1 Middle East Africa Overview, 2025

10.2 Middle East Africa Steam & Air-Conditioning Supply Market Statistics By Type, 2024- 2034 (USD billion)

10.3 Middle East Africa Steam & Air-Conditioning Supply Market Statistics By Distribution Channel, 2024- 2034 (USD billion)

10.4 Middle East Africa Steam & Air-Conditioning Supply Market Statistics By End User, 2024- 2034 (USD billion)

10.5 Middle East Africa Steam & Air-Conditioning Supply Market Statistics by Country, 2024- 2034 (USD billion)

10.5.1 Middle East Steam & Air-Conditioning Supply Market Value, Trends, Growth Forecasts to 2034

10.5.2 Africa Steam & Air-Conditioning Supply Market Value, Trends, Growth Forecasts to 2034

11. STEAM & AIR-CONDITIONING SUPPLY MARKET STRUCTURE AND COMPETITIVE LANDSCAPE

- 11.1 Key Companies in Steam & Air-Conditioning Supply Industry
- 11.2 Steam & Air-Conditioning Supply Business Overview
- 11.3 Steam & Air-Conditioning Supply Product Portfolio Analysis
- 11.4 Financial Analysis
- 11.5 SWOT Analysis

12 APPENDIX

- 12.1 Global Steam & Air-Conditioning Supply Market Volume (Tons)
- 12.1 Global Steam & Air-Conditioning Supply Trade and Price Analysis
- 12.2 Steam & Air-Conditioning Supply Parent Market and Other Relevant Analysis
- 12.3 Publisher Expertise
- 12.2 Steam & Air-Conditioning Supply Industry Report Sources and Methodology

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