

Automotive Climate Control Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 – 2034

<https://marketpublishers.com/r/A6F62971AD11EN.html>

Date: November 2024

Pages: 180

Price: US\$ 4,850.00 (Single User License)

ID: A6F62971AD11EN

Abstracts

The Global Automotive Climate Control Market, valued at USD 11.5 billion in 2024, is anticipated to grow at a robust CAGR of 12.9% from 2025 to 2034. This growth is primarily driven by the rising adoption of electric vehicles (EVs), which require advanced climate control systems to optimize battery performance and ensure safety. Unlike traditional vehicles, EVs rely heavily on precise thermal management solutions, boosting the demand for specialized systems in this market.

The increasing emphasis on enhancing in-cabin experiences also plays a significant role in market expansion. Consumers are now seeking vehicles equipped with modern comfort features like accurate temperature control, air quality monitoring, and personalized settings. As demand for superior comfort continues to rise, automakers are integrating innovative climate control technologies, including multi-zone systems and air purifiers, to cater to consumer preferences. This growing focus on customization and convenience is expected to significantly boost the market for advanced climate solutions.

In terms of vehicle types, the market is segmented into passenger cars and commercial vehicles. Passenger cars held approximately 70% of the market share in 2024, reflecting heightened consumer expectations for comfort and convenience in personal transportation. The surge in passenger vehicle production worldwide, particularly in emerging economies, has fueled this demand. Additionally, advancements in connected and autonomous vehicle technologies drive the adoption of climate systems capable of creating adaptive and personalized cabin environments, further bolstering the segment's growth.

Based on end-use, the market is categorized into original equipment manufacturers (OEMs) and aftermarket. OEMs dominated with a 64% market share in 2024 due to their ability to incorporate advanced climate control systems directly into vehicle manufacturing. These factory-installed solutions offer superior performance, comply with stringent regulations, and align with consumer demand for energy-efficient and high-quality features. As automakers prioritize innovative solutions to remain competitive, the OEM segment is expected to witness steady growth.

The U.S. automotive climate control market is poised to reach USD 10 billion by 2034, supported by a strong automotive sector and increasing demand for advanced vehicle technologies. Regulatory requirements emphasizing emissions reduction and energy efficiency pushing manufacturers to adopt cutting-edge climate control systems. These trends, combined with a preference for vehicles that require advanced climate management, position the region as a key contributor to market expansion.

Contents

Report Content

CHAPTER 1 METHODOLOGY & SCOPE

- 1.1 Research design
 - 1.1.1 Research approach
 - 1.1.2 Data collection methods
- 1.2 Base estimates and calculations
 - 1.2.1 Base year calculation
 - 1.2.2 Key trends for market estimates
- 1.3 Forecast model
- 1.4 Primary research & validation
 - 1.4.1 Primary sources
 - 1.4.2 Data mining sources
- 1.5 Market definitions

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Industry 360° synopsis, 2021 - 2034

CHAPTER 3 INDUSTRY INSIGHTS

- 3.1 Industry ecosystem analysis
 - 3.1.1 Original Equipment Manufacturers (OEMs)
 - 3.1.2 Technology providers
 - 3.1.3 Component suppliers
 - 3.1.4 End users
- 3.2 Supplier landscape
- 3.3 Profit margin analysis
- 3.4 Technology & innovation landscape
- 3.5 Cost breakdown analysis
- 3.6 Patent landscape
- 3.7 Key news & initiatives
- 3.8 Regulatory landscape
- 3.9 Impact forces
 - 3.9.1 Growth drivers
 - 3.9.1.1 Rising adoption of electric vehicles

- 3.9.1.2 Technological advancements in HVAC systems
- 3.9.1.3 Growing automotive production globally
- 3.9.1.4 Rising disposable income and vehicle ownership
- 3.9.2 Industry pitfalls & challenges
 - 3.9.2.1 High development and installation costs
 - 3.9.2.2 Limited adoption in low-cost vehicles
- 3.10 Growth potential analysis
- 3.11 Porter's analysis
- 3.12 PESTEL analysis

CHAPTER 4 COMPETITIVE LANDSCAPE, 2024

- 4.1 Introduction
- 4.2 Company market share analysis
- 4.3 Competitive positioning matrix
- 4.4 Strategic outlook matrix

CHAPTER 5 MARKET ESTIMATES & FORECAST, BY TECHNOLOGY, 2021-2034, (\$MN, UNITS)

- 5.1 Key trends
- 5.2 Automatic
- 5.3 Manual

CHAPTER 6 MARKET ESTIMATES & FORECAST, BY VEHICLE, 2021-2034, (\$MN, UNITS)

- 6.1 Key trends
- 6.2 Passenger cars
 - 6.2.1 Hatchback
 - 6.2.2 Sedan
 - 6.2.3 SUV
 - 6.2.4 Others
- 6.3 Commercial vehicle
 - 6.3.1 Trucks
 - 6.3.2 Bus

CHAPTER 7 MARKET ESTIMATES & FORECAST, BY FUEL, 2021-2034, (\$MN, UNITS)

7.1 Key trends

7.2 Gasoline

7.3 Diesel

7.4 All-electric

7.5 PHEV

7.6 HEV

CHAPTER 8 MARKET ESTIMATES & FORECAST, BY COMPONENT, 2021-2034, (\$MN, UNITS)

8.1 Key trends

8.2 Compressors

8.3 Condensers

8.4 Evaporators

8.5 Control panels

8.6 Sensors

8.7 Others

CHAPTER 9 MARKET ESTIMATES & FORECAST, BY END-USE, 2021-2034, (\$MN, UNITS)

9.1 Key trends

9.2 OEM

9.3 Aftermarket

CHAPTER 10 MARKET ESTIMATES & FORECAST, BY REGION, 2021 - 2034 (\$MN, UNITS)

10.1 Key trends

10.2 North America

10.2.1 U.S.

10.2.2 Canada

10.3 Europe

10.3.1 UK

10.3.2 Germany

10.3.3 France

10.3.4 Spain

10.3.5 Italy

- 10.3.6 Russia
- 10.3.7 Nordics
- 10.4 Asia Pacific
 - 10.4.1 China
 - 10.4.2 India
 - 10.4.3 Japan
 - 10.4.4 South Korea
 - 10.4.5 ANZ
 - 10.4.6 Southeast Asia
- 10.5 Latin America
 - 10.5.1 Brazil
 - 10.5.2 Mexico
 - 10.5.3 Argentina
- 10.6 MEA
 - 10.6.1 UAE
 - 10.6.2 South Africa
 - 10.6.3 Saudi Arabia

CHAPTER 11 COMPANY PROFILES

- 11.1 Behr Hella Service
- 11.2 BorgWarner
- 11.3 Continental
- 11.4 Denso
- 11.5 Eberspacher
- 11.6 Johnson Electric
- 11.7 Hanon Systems
- 11.8 Keihin
- 11.9 Mahle
- 11.10 Marelli
- 11.11 Mitsubishi Heavy Industries
- 11.12 Modine
- 11.13 Nissens
- 11.14 Panasonic
- 11.15 Sanden
- 11.16 Tata AutoComp Systems
- 11.17 Thermoking
- 11.18 Valeo
- 11.19 Visteon

11.20 Zexel

I would like to order

Product name: Automotive Climate Control Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 – 2034

Product link: <https://marketpublishers.com/r/A6F62971AD11EN.html>

Price: US\$ 4,850.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A6F62971AD11EN.html>