

# Global Automotive Electric HVAC Compressor Market Size study, By Cooling Capacity (Less Than 20 CC, 20-40 CC, 40-60 CC) By Drive Type (Electric, Conventional (Belt Driven)) and Regional Forecasts 2021-2027

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## Abstracts

Global Automotive Electric HVAC Compressor is valued approximately USD 9.36 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 20.70 % over the forecast period 2021-2027. Compressors with an integrated motor are known as electric compressors. Even when the vehicle's engine is turned off, the built-in motor can continue to run, providing for higher fuel efficiency and ongoing use of the air conditioner for a suitable cabin temperature. In 2019, the passenger car sector accounted for 78 percent of the global market. The manufacturing of automobiles with AC units is closely tied to the use of AC compressors. The majority of passenger automobiles are already equipped with an air conditioner, which creates a nice, snug environment inside the vehicle. Consumers who are purchasing vehicles for personal usage prefer vehicles with air conditioning. Passenger vehicles make up a larger portion of the overall number of cars utilised for personal purposes. As a result, the passenger vehicle sector dominated the AC compressor market in 2017. . Increasing automotive production & presence of auto players and the increasing adoption of EVs is likely to surge the market growth. The OEM segment led the market, and accounted for 78% share of the market, in terms of revenue, in 2019. The automotive AC compressor has a lifespan that is almost equal to that of the vehicle, i.e., 10 to 12 years. The AC compressor is replaced only when there is an issue in the AC unit, else it is likely to run for the entire life of the vehicle. However, increase in vehicle emission leads to a rise in global warming which impedes the growth of the market over the forecast period of 2021-2027. Also, multi-functionality features and lower energy consumption are particularly expected electric vehicle OEMs to adopt electric compressors on a large

scale is likely to increase the market growth during the forecast period.

The key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World are considered regional analysis of global Automotive Electric HVAC Compressor Market. The Asia Pacific regional market represented a significant portion of the market share in 2020 because of the great pace of EV reception in China. China represented the greater part of the worldwide electric blower deals in 2020. The continued progress of EV charging and transportation infrastructure in non-industrial nations across Asia Pacific is expected to drive electric vehicle sales and, as a result, higher interest for electric blowers over the forecast time range. Asia Pacific nations, such as South Korea and Japan, are home to a few major EV producers that are focusing on R&D activities which looks good for the development of the Asia Pacific provincial market over the estimate time frame.

Major market player included in this report are:

Denso Corporation

Hanon Systems

MAHLE GmbH

SANDEN Holdings Corporation

Toyota Industries Corporation

Highly Marelli Holdings Co., Ltd.

Valeo S.A.

Shanghai Highly (Group) Co. Ltd

Robert Bosch GmbH

Continental AG

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Cooling Capacity:

Less Than 20 CC,

20-40 CC,

40-60 CC

By Drive Type:

Electric,

Conventional (Belt Driven)

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Automotive Electric HVAC Compressor in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers  
Investment bankers  
Investors

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
  - 1.2.1. Automotive Electric HVAC Compressor Market, by Region, 2019-2027 (USD Billion)
  - 1.2.2. Automotive Electric HVAC Compressor Market, by Cooling Capacity, 2019-2027 (USD Billion)
  - 1.2.3. Automotive Electric HVAC Compressor Market, by Drive Type, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL AUTOMOTIVE ELECTRIC HVAC COMPRESSOR MARKET DEFINITION AND SCOPE**

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### **CHAPTER 3. GLOBAL AUTOMOTIVE ELECTRIC HVAC COMPRESSOR MARKET DYNAMICS**

- 3.1. Automotive Electric HVAC Compressor Market Impact Analysis (2019-2027)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increasing automotive production & presence of auto players.
    - 3.1.1.2. The increasing adoption of EVs
  - 3.1.2. Market Challenges
    - 3.1.2.1. Higher operation life and ease of repair.
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Multi-functionality features
    - 3.1.3.2. Lower energy consumption

## **CHAPTER 4. GLOBAL AUTOMOTIVE ELECTRIC HVAC COMPRESSOR MARKET INDUSTRY ANALYSIS**

### 4.1. Porter's 5 Force Model

4.1.1. Bargaining Power of Suppliers

4.1.2. Bargaining Power of Buyers

4.1.3. Threat of New Entrants

4.1.4. Threat of Substitutes

4.1.5. Competitive Rivalry

4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)

### 4.2. PEST Analysis

4.2.1. Political

4.2.2. Economical

4.2.3. Social

4.2.4. Technological

### 4.3. Investment Adoption Model

### 4.4. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL AUTOMOTIVE ELECTRIC HVAC COMPRESSOR MARKET, BY COOLING CAPACITY**

### 5.1. Market Snapshot

5.2. Global Automotive Electric HVAC Compressor Market by Cooling Capacity, Performance - Potential Analysis

5.3. Global Automotive Electric HVAC Compressor Market Estimates & Forecasts by Cooling Capacity 2018-2027 (USD Billion)

5.4. Automotive Electric HVAC Compressor Market, Sub Segment Analysis

5.4.1. Less Than 20 CC,

5.4.2. 20-40 CC,

5.4.3. 40-60 CC

## **CHAPTER 6. GLOBAL AUTOMOTIVE ELECTRIC HVAC COMPRESSOR MARKET, BY DRIVE TYPE**

### 6.1. Market Snapshot

6.2. Global Automotive Electric HVAC Compressor Market by Drive Type, Performance - Potential Analysis

6.3. Global Automotive Electric HVAC Compressor Market Estimates & Forecasts by Drive Type 2018-2027 (USD Billion)

## 6.4. Automotive Electric HVAC Compressor Market, Sub Segment Analysis

6.4.1. Electric,

6.4.2. Conventional (Belt Driven)

## **CHAPTER 7. GLOBAL AUTOMOTIVE ELECTRIC HVAC COMPRESSOR MARKET, REGIONAL ANALYSIS**

### 7.1. Automotive Electric HVAC Compressor Market, Regional Market Snapshot

#### 7.2. North America Automotive Electric HVAC Compressor Market

##### 7.2.1. U.S. Automotive Electric HVAC Compressor Market

7.2.1.1. Cooling Capacity breakdown estimates & forecasts, 2018-2027

7.2.1.2. Drive Type breakdown estimates & forecasts, 2018-2027

##### 7.2.2. Canada Automotive Electric HVAC Compressor Market

#### 7.3. Europe Automotive Electric HVAC Compressor Market Snapshot

##### 7.3.1. U.K. Automotive Electric HVAC Compressor Market

##### 7.3.2. Germany Automotive Electric HVAC Compressor Market

##### 7.3.3. France Automotive Electric HVAC Compressor Market

##### 7.3.4. Spain Automotive Electric HVAC Compressor Market

##### 7.3.5. Italy Automotive Electric HVAC Compressor Market

##### 7.3.6. Rest of Europe Automotive Electric HVAC Compressor Market

#### 7.4. Asia-Pacific Automotive Electric HVAC Compressor Market Snapshot

##### 7.4.1. China Automotive Electric HVAC Compressor Market

##### 7.4.2. India Automotive Electric HVAC Compressor Market

##### 7.4.3. Japan Automotive Electric HVAC Compressor Market

##### 7.4.4. Australia Automotive Electric HVAC Compressor Market

##### 7.4.5. South Korea Automotive Electric HVAC Compressor Market

##### 7.4.6. Rest of Asia Pacific Automotive Electric HVAC Compressor Market

#### 7.5. Latin America Automotive Electric HVAC Compressor Market Snapshot

##### 7.5.1. Brazil Automotive Electric HVAC Compressor Market

##### 7.5.2. Mexico Automotive Electric HVAC Compressor Market

#### 7.6. Rest of The World Automotive Electric HVAC Compressor Market

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

### 8.1. Top Market Strategies

#### 8.2. Company Profiles

##### 8.2.1. Denso Corporation

8.2.1.1. Key Information

8.2.1.2. Overview

- 8.2.1.3. Financial (Subject to Data Availability)
- 8.2.1.4. Product Summary
- 8.2.1.5. Recent Developments
- 8.2.2. Hanon Systems
- 8.2.3. MAHLE GmbH
- 8.2.4. SANDEN Holdings Corporation
- 8.2.5. Toyota Industries Corporation
- 8.2.6. Highly Marelli Holdings Co., Ltd.
- 8.2.7. Valeo S.A.
- 8.2.8. Shanghai Highly (Group) Co. Ltd
- 8.2.9. Robert Bosch GmbH
- 8.2.10. Continental AG

## **CHAPTER 9. RESEARCH PROCESS**

- 9.1. Research Process
  - 9.1.1. Data Mining
  - 9.1.2. Analysis
  - 9.1.3. Market Estimation
  - 9.1.4. Validation
  - 9.1.5. Publishing
- 9.2. Research Attributes
- 9.3. Research Assumption



## List Of Tables

### LIST OF TABLES

- TABLE 1. Global Automotive Electric HVAC Compressor market, report scope
- TABLE 2. Global Automotive Electric HVAC Compressor market estimates & forecasts by Region 2018-2027 (USD Billion)
- TABLE 3. Global Automotive Electric HVAC Compressor market estimates & forecasts by Cooling Capacity 2018-2027 (USD Billion)
- TABLE 4. Global Automotive Electric HVAC Compressor market estimates & forecasts by Drive Type 2018-2027 (USD Billion)
- TABLE 5. Global Automotive Electric HVAC Compressor market by segment, estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 6. Global Automotive Electric HVAC Compressor market by region, estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 7. Global Automotive Electric HVAC Compressor market by segment, estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 8. Global Automotive Electric HVAC Compressor market by region, estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 9. Global Automotive Electric HVAC Compressor market by segment, estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 10. Global Automotive Electric HVAC Compressor market by region, estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 11. Global Automotive Electric HVAC Compressor market by segment, estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 12. Global Automotive Electric HVAC Compressor market by region, estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 13. Global Automotive Electric HVAC Compressor market by segment, estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 14. Global Automotive Electric HVAC Compressor market by region, estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 15. U.S. Automotive Electric HVAC Compressor market estimates & forecasts, 2018-2027 (USD Billion)
- TABLE 16. U.S. Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)
- TABLE 17. U.S. Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)
- TABLE 18. Canada Automotive Electric HVAC Compressor market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 19. Canada Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 20. Canada Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 21. UK Automotive Electric HVAC Compressor market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 22. UK Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 23. UK Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 24. Germany Automotive Electric HVAC Compressor market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 25. Germany Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 26. Germany Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 27. RoE Automotive Electric HVAC Compressor market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 28. RoE Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 29. RoE Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 30. China Automotive Electric HVAC Compressor market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 31. China Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 32. China Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 33. India Automotive Electric HVAC Compressor market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 34. India Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 35. India Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 36. Japan Automotive Electric HVAC Compressor market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 37. Japan Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 38. Japan Automotive Electric HVAC Compressor market estimates & forecasts

by segment 2018-2027 (USD Billion)

TABLE 39. RoAPAC Automotive Electric HVAC Compressor market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 40. RoAPAC Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 41. RoAPAC Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 42. Brazil Automotive Electric HVAC Compressor market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 43. Brazil Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 44. Brazil Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 45. Mexico Automotive Electric HVAC Compressor market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 46. Mexico Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 47. Mexico Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 48. RoLA Automotive Electric HVAC Compressor market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 49. RoLA Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 50. RoLA Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 51. Row Automotive Electric HVAC Compressor market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 52. Row Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 53. Row Automotive Electric HVAC Compressor market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 54. List of secondary sources, used in the study of global Automotive Electric HVAC Compressor market

TABLE 55. List of primary sources, used in the study of global Automotive Electric HVAC Compressor market

TABLE 56. Years considered for the study

TABLE 57. Exchange rates considered

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Automotive Electric HVAC Compressor market, research methodology
- FIG 2. Global Automotive Electric HVAC Compressor market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Automotive Electric HVAC Compressor market, key trends 2020
- FIG 5. Global Automotive Electric HVAC Compressor market, growth prospects 2021-2027
- FIG 6. Global Automotive Electric HVAC Compressor market, porters 5 force model
- FIG 7. Global Automotive Electric HVAC Compressor market, pest analysis
- FIG 8. Global Automotive Electric HVAC Compressor market, value chain analysis
- FIG 9. Global Automotive Electric HVAC Compressor market by segment, 2018 & 2027 (USD Billion)
- FIG 10. Global Automotive Electric HVAC Compressor market by segment, 2018 & 2027 (USD Billion)
- FIG 11. Global Automotive Electric HVAC Compressor market by segment, 2018 & 2027 (USD Billion)
- FIG 12. Global Automotive Electric HVAC Compressor market by segment, 2018 & 2027 (USD Billion)
- FIG 13. Global Automotive Electric HVAC Compressor market by segment, 2018 & 2027 (USD Billion)
- FIG 14. Global Automotive Electric HVAC Compressor market, regional snapshot 2018 & 2027
- FIG 15. North America Automotive Electric HVAC Compressor market 2018 & 2027 (USD Billion)
- FIG 16. Europe Automotive Electric HVAC Compressor market 2018 & 2027 (USD Billion)
- FIG 17. Asia pacific Automotive Electric HVAC Compressor market 2018 & 2027 (USD Billion)
- FIG 18. Latin America Automotive Electric HVAC Compressor market 2018 & 2027 (USD Billion)
- FIG 19. Global Automotive Electric HVAC Compressor market, company market share analysis (2020)

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