

Automotive Thermal System Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

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Automotive Thermal System Trends and Forecast

The future of the global automotive thermal system market looks promising with opportunities in the passenger car, light commercial vehicle, and heavy commercial vehicle markets. The global automotive thermal system market is expected to reach an estimated \$38.5 billion by 2030 with a CAGR of 2.5% from 2024 to 2030. The major drivers for this market are rising demand for luxury vehicles, increasing integration of smart thermal management solutions into vehicles, and implementation of stringent emission regulations by the government across the globe.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

Automotive Thermal System by Segment

The study includes a forecast for the global automotive thermal system by component, vehicle type, and region.

Automotive Thermal System Market by Component [Shipment Analysis by Value from 2018 to 2030]:

Compressor

HVAC

Powertrain Cooling

Fluid Transport

Automotive Thermal System Market by Vehicle Type [Shipment Analysis by Value from 2018 to 2030]:

Passenger Cars

Light Commercial Vehicles

Heavy Commercial Vehicles

Others

Automotive Thermal System Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Automotive Thermal System Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies automotive thermal system companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the automotive thermal system companies profiled in this report include-

BorgWarner

Continental Aktiengesellschaft

DENSO

General Motors

Gentherm

Grayson Automotive Services

Lennox

MAHLE

Modine Manufacturing

Visteon

Automotive Thermal System Market Insights

Lucintel forecasts that compressor will remain the largest segment over the forecast period due to growing adoption of compressors in A/C systems so as to absorb the warm air inside the vehicle's cabin.

Within this market, passenger car will remain the largest segment due to increasing penetration of ventilated seats, rear, and front A/C, and heated steering in the passenger vehicles.

APAC will remain the largest region over the forecast period due to a strong need for sophisticated thermal management systems that can meet the various requirements of the cars made in these regions.

Features of the Global Automotive Thermal System Market

Market Size Estimates: Automotive thermal system market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: Automotive thermal system market size by component, vehicle type, and region in terms of value (\$B).

Regional Analysis: Automotive thermal system market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different components, vehicle types, and regions for the automotive thermal system market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the automotive thermal system market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the automotive thermal system market size?

Answer: The global automotive thermal system market is expected to reach an estimated \$38.5 billion by 2030.

Q2. What is the growth forecast for automotive thermal system market?

Answer: The global automotive thermal system market is expected to grow with a CAGR of 2.5% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the automotive thermal system market?

Answer: The major drivers for this market are rising demand for luxury vehicles, increasing integration of smart thermal management solutions into vehicles, and implementation of stringent emission regulations by the government across the globe.

Q4. What are the major segments for automotive thermal system market?

Answer: The future of the automotive thermal system market looks promising with opportunities in the passenger car, light commercial vehicle, and heavy commercial vehicle markets.

Q5. Who are the key automotive thermal system market companies?

Answer: Some of the key automotive thermal system companies are as follows:

BorgWarner

Continental Aktiengesellschaft

DENSO

General Motors

Gentherm

Grayson Automotive Services

Lennox

MAHLE

Modine Manufacturing

Visteon

Q6. Which automotive thermal system market segment will be the largest in future?

Answer: Lucintel forecasts that compressor will remain the largest segment over the forecast period due to growing adoption of compressors in A/C systems so as to absorb the warm air inside the vehicle's cabin.

Q7. In automotive thermal system market, which region is expected to be the largest in next 5 years?

Answer: APAC will remain the largest region over the forecast period due to a strong

need for sophisticated thermal management systems that can meet the various requirements of the cars made in these regions.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the automotive thermal system market by component (compressor, HVAC, powertrain cooling, and fluid transport), vehicle type (passenger cars, light commercial vehicles, heavy commercial vehicles, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to Automotive Thermal System Market, Automotive Thermal System Market Size, Automotive Thermal System Market Growth, Automotive Thermal System Market Analysis, Automotive Thermal System Market Report, Automotive Thermal System Market Share, Automotive Thermal System Market Trends, Automotive Thermal System Market Forecast, Automotive Thermal System Companies, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

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- 7.9: Modine Manufacturing
- 7.10: Visteon

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