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Global Thermal Management Components for New Energy Vehicles Market 2026 by Company, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Thermal Management Components for New Energy Vehicles market size was valued at US$ 14405 million in 2025 and is forecast to a readjusted size of US$ 39723 million by 2032 with a CAGR of 14.6% during review period.

In the era of gasoline-powered vehicles, vehicle thermal management was divided into two independent modules: the automotive air conditioning system and the engine cooling system. The former ensured that the interior of the vehicle was always at a suitable temperature, while the latter was used to cool the engine and transmission. New energy vehicle thermal management systems are mainly divided into three parts according to function: the cabin thermal management system (heating and cooling), the power battery thermal management system (heating and cooling), and the motor and electronic control cooling system. With the development of vehicle electrification (increased single-vehicle capacity and battery energy density) and intelligence (increased power of electronic and electrical components), the thermal management system for new energy vehicles has become increasingly important in order to ensure that functional units maintain optimal operating temperature ranges and to improve the overall energy utilization efficiency of the vehicle.

From the perspective of thermal management system companies, they can be mainly divided into three categories: First, foreign oligopolies dominate the traditional gasoline vehicle thermal management market. These include giants like Denso (Japan), Hanon (South Korea), Valeo (France), and Mahle (Germany), who accounted for over 50% of the global gasoline vehicle thermal management market share in 2024 and leverage their customer resources to expand across the entire new energy vehicle market.

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Second, high-quality Chinese component suppliers are competing on a level playing field with international giants in the new energy vehicle sector, successfully breaking the foreign oligopoly by leveraging their local supply advantages. Third, new entrants to the market. These companies possess technological and cost barriers in air conditioning compressors and valves and are also expanding into the new energy vehicle market. Globally, the Chinese thermal management system market has exceeded $10 billion, while the global market exceeds $14 billion.

This report is a detailed and comprehensive analysis for global Thermal Management Components for New Energy Vehicles market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Thermal Management Components for New Energy Vehicles market size and forecasts, in consumption value ($ Million), 2021-2032

Global Thermal Management Components for New Energy Vehicles market size and forecasts by region and country, in consumption value ($ Million), 2021-2032

Global Thermal Management Components for New Energy Vehicles market size and forecasts, by Type and by Application, in consumption value ($ Million), 2021-2032

Global Thermal Management Components for New Energy Vehicles market shares of main players, in revenue ($ Million), 2021-2026

The Primary Objectives in This Report Are:
To determine the size of the total market opportunity of global and key countries
To assess the growth potential for Thermal Management Components for New Energy Vehicles
To forecast future growth in each product and end-use market
To assess competitive factors affecting the marketplace

This report profiles key players in the global Thermal Management Components for

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New Energy Vehicles market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include FinDreams Technology, Zhejiang Sanhua Intelligent Controls, Sanden HASCO Automotive Air-Conditioning, Zhejiang Yinlun Machinery, Aotecar New Energy Technology, Suzhou Zhongcheng New Energy Technology, Valeo S.A., DENSO, MAHLE Group, Hanon Systems, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market segmentation

Thermal Management Components for New Energy Vehicles market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Heat Exchanger Products

Compressors

Valves

Electric Water Pumps

Heat Pumps

Others

Market segment by Application

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Market segment by players, this report covers

FinDreams Technology

Zhejiang Sanhua Intelligent Controls

Sanden HASCO Automotive Air-Conditioning

Zhejiang Yinlun Machinery

Aotecar New Energy Technology

Suzhou Zhongcheng New Energy Technology

Valeo S.A.

DENSO

MAHLE Group

Hanon Systems

Delphi

Songz Automobile Air Conditioning

Zhejiang Dun'an Artificial Environment

TGK

Welling Holding Limited

Ningbo Tuopu Group

Market segment by regions, regional analysis covers

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North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Thermal Management Components for New Energy Vehicles product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Thermal Management Components for New Energy Vehicles, with revenue, gross margin, and global market share of Thermal Management Components for New Energy Vehicles from 2021 to 2026.

Chapter 3, the Thermal Management Components for New Energy Vehicles competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2021 to 2032.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2021 to 2026.and Thermal Management Components for New Energy Vehicles market forecast, by regions, by Type and by Application, with consumption value, from 2027 to 2032.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Thermal Management Components for New Energy Vehicles.

Chapter 13, to describe Thermal Management Components for New Energy Vehicles

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research findings and conclusion.

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