

Thermal Management Industry Research Report 2024

<https://marketpublishers.com/r/T507F23BB219EN.html>

Date: April 2024

Pages: 123

Price: US\$ 2,950.00 (Single User License)

ID: T507F23BB219EN

Abstracts

This report studies the Thermal Management market, Thermal management is the ability to control the temperature and noise level of a system by means of technology based on thermodynamics and heat transfer. Advancements in the electronics industry have led to an increased need for innovative thermal management technologies to improve the system performance and reliability by removing high heat flux generated in the electronic devices.

According to APO Research, The global Thermal Management market was valued at US\$ million in 2023 and is anticipated to reach US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

Global Thermal Management key players include DENSO, Valeo, MAHLE, Hanon Systems, etc. Global top four manufacturers hold a share about 55%.

China is the largest market, with a share over 25%, followed by United States and EU, both have a share over 40 percent.

In terms of product, Conduction Cooling Devices is the largest segment, with a share about 40%. And in terms of application, the largest application is Automotive, followed by Aerospace and Defense, Servers and Data Centers, Consumer Electronics, Medical Equipment, etc.

Report Scope

This report aims to provide a comprehensive presentation of the global market for Thermal Management, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions

regarding Thermal Management.

The Thermal Management market size, estimations, and forecasts are provided in terms of revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Thermal Management market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

DENSO

Valeo

MAHLE

Hanon Systems

Honeywell

Vertiv

Gentherm

Delta

Laird

Boyd Corporation

Heatex

European Thermodynamics

Advanced Cooling Technologies

Dau Thermal Solutions

Thermal Management segment by Type

Conduction Cooling Devices

Convection Cooling Devices

Hybrid Cooling Devices

Others

Thermal Management Segment by Application

Automotive

Aerospace and Defense

Servers and Data Centers

Consumer Electronics

Medical Equipment

Others

Thermal Management Segment by Region

North America

United States

Canada

Europe

Germany

France

UK

Italy

Russia

Nordic Countries

Rest of Europe

Asia-Pacific

China

Japan

South Korea

Southeast Asia

India

Australia

Rest of Asia

Latin America

Mexico

Brazil

Rest of Latin America

Middle East & Africa

Turkey

Saudi Arabia

UAE

Rest of MEA

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Thermal Management market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends

of Thermal Management and provides them with information on key market drivers, restraints, challenges, and opportunities.

3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market

5. This report helps stakeholders to gain insights into which regions to target globally

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Thermal Management.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Provides the analysis of various market segments product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 4: Provides the analysis of various market segments application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 5: Introduces executive summary of global market size, regional market size, this section also introduces the market dynamics, latest developments of the market,

the driving factors and restrictive factors of the market, the challenges and risks faced by companies in the industry, and the analysis of relevant policies in the industry.

Chapter 6: Detailed analysis of Thermal Management companies' competitive landscape, revenue market share, latest development plan, merger, and acquisition information, etc.

Chapter 7, 8, 9, 10, 11: North America, Europe, Asia Pacific, Latin America, Middle East and Africa segment by country. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 12: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including revenue, gross margin, product introduction, recent development, etc.

Chapter 13: The main points and conclusions of the report.

Chapter 13: The main points and conclusions of the report.

Contents

1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Thermal Management by Type
 - 2.2.1 Market Value Comparison by Type (2019 VS 2023 VS 2030)
 - 2.2.2 Conduction Cooling Devices
 - 2.2.3 Convection Cooling Devices
 - 2.2.4 Hybrid Cooling Devices
 - 2.2.5 Others
- 2.3 Thermal Management by Application
 - 2.3.1 Market Value Comparison by Application (2019 VS 2023 VS 2030)
 - 2.3.2 Automotive
 - 2.3.3 Aerospace and Defense
 - 2.3.4 Servers and Data Centers
 - 2.3.5 Consumer Electronics
 - 2.3.6 Medical Equipment
 - 2.3.7 Others
- 2.4 Assumptions and Limitations

3 THERMAL MANAGEMENT BREAKDOWN DATA BY TYPE

- 3.1 Global Thermal Management Historic Market Size by Type (2019-2024)
- 3.2 Global Thermal Management Forecasted Market Size by Type (2025-2030)

4 THERMAL MANAGEMENT BREAKDOWN DATA BY APPLICATION

- 4.1 Global Thermal Management Historic Market Size by Application (2019-2024)

4.2 Global Thermal Management Forecasted Market Size by Application (2019-2024)

5 GLOBAL GROWTH TRENDS

5.1 Global Thermal Management Market Perspective (2019-2030)

5.2 Global Thermal Management Growth Trends by Region

5.2.1 Global Thermal Management Market Size by Region: 2019 VS 2023 VS 2030

5.2.2 Thermal Management Historic Market Size by Region (2019-2024)

5.2.3 Thermal Management Forecasted Market Size by Region (2025-2030)

5.3 Thermal Management Market Dynamics

5.3.1 Thermal Management Industry Trends

5.3.2 Thermal Management Market Drivers

5.3.3 Thermal Management Market Challenges

5.3.4 Thermal Management Market Restraints

6 MARKET COMPETITIVE LANDSCAPE BY PLAYERS

6.1 Global Top Thermal Management Players by Revenue

6.1.1 Global Top Thermal Management Players by Revenue (2019-2024)

6.1.2 Global Thermal Management Revenue Market Share by Players (2019-2024)

6.2 Global Thermal Management Industry Players Ranking, 2022 VS 2023 VS 2024

6.3 Global Key Players of Thermal Management Head office and Area Served

6.4 Global Thermal Management Players, Product Type & Application

6.5 Global Thermal Management Players, Date of Enter into This Industry

6.6 Global Thermal Management Market CR5 and HHI

6.7 Global Players Mergers & Acquisition

7 NORTH AMERICA

7.1 North America Thermal Management Market Size (2019-2030)

7.2 North America Thermal Management Market Growth Rate by Country: 2019 VS 2023 VS 2030

7.3 North America Thermal Management Market Size by Country (2019-2024)

7.4 North America Thermal Management Market Size by Country (2025-2030)

7.5 United States

7.6 Canada

8 EUROPE

- 8.1 Europe Thermal Management Market Size (2019-2030)
- 8.2 Europe Thermal Management Market Growth Rate by Country: 2019 VS 2023 VS 2030
- 8.3 Europe Thermal Management Market Size by Country (2019-2024)
- 8.4 Europe Thermal Management Market Size by Country (2025-2030)
- 8.5 Germany
- 8.6 France
- 8.7 U.K.
- 8.8 Italy
- 8.9 Russia
- 8.10 Nordic Countries

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Thermal Management Market Size (2019-2030)
- 9.2 Asia-Pacific Thermal Management Market Growth Rate by Country: 2019 VS 2023 VS 2030
- 9.3 Asia-Pacific Thermal Management Market Size by Country (2019-2024)
- 9.4 Asia-Pacific Thermal Management Market Size by Country (2025-2030)
- 9.5 China
- 9.6 Japan
- 9.7 South Korea
- 9.8 Southeast Asia
- 9.9 India
- 9.10 Australia

10 LATIN AMERICA

- 10.1 Latin America Thermal Management Market Size (2019-2030)
- 10.2 Latin America Thermal Management Market Growth Rate by Country: 2019 VS 2023 VS 2030
- 10.3 Latin America Thermal Management Market Size by Country (2019-2024)
- 10.4 Latin America Thermal Management Market Size by Country (2025-2030)
- 10.5 Mexico
- 10.6 Brazil

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Thermal Management Market Size (2019-2030)

11.2 Middle East & Africa Thermal Management Market Growth Rate by Country: 2019 VS 2023 VS 2030

11.3 Middle East & Africa Thermal Management Market Size by Country (2019-2024)

11.4 Middle East & Africa Thermal Management Market Size by Country (2025-2030)

11.5 Turkey

11.6 Saudi Arabia

11.7 UAE

12 PLAYERS PROFILED

12.1 DENSO

12.1.1 DENSO Company Information

12.1.2 DENSO Business Overview

12.1.3 DENSO Revenue in Thermal Management Business (2019-2024)

12.1.4 DENSO Thermal Management Product Portfolio

12.1.5 DENSO Recent Developments

12.2 Valeo

12.2.1 Valeo Company Information

12.2.2 Valeo Business Overview

12.2.3 Valeo Revenue in Thermal Management Business (2019-2024)

12.2.4 Valeo Thermal Management Product Portfolio

12.2.5 Valeo Recent Developments

12.3 MAHLE

12.3.1 MAHLE Company Information

12.3.2 MAHLE Business Overview

12.3.3 MAHLE Revenue in Thermal Management Business (2019-2024)

12.3.4 MAHLE Thermal Management Product Portfolio

12.3.5 MAHLE Recent Developments

12.4 Hanon Systems

12.4.1 Hanon Systems Company Information

12.4.2 Hanon Systems Business Overview

12.4.3 Hanon Systems Revenue in Thermal Management Business (2019-2024)

12.4.4 Hanon Systems Thermal Management Product Portfolio

12.4.5 Hanon Systems Recent Developments

12.5 Honeywell

12.5.1 Honeywell Company Information

12.5.2 Honeywell Business Overview

12.5.3 Honeywell Revenue in Thermal Management Business (2019-2024)

12.5.4 Honeywell Thermal Management Product Portfolio

12.5.5 Honeywell Recent Developments

12.6 Vertiv

12.6.1 Vertiv Company Information

12.6.2 Vertiv Business Overview

12.6.3 Vertiv Revenue in Thermal Management Business (2019-2024)

12.6.4 Vertiv Thermal Management Product Portfolio

12.6.5 Vertiv Recent Developments

12.7 Gentherm

12.7.1 Gentherm Company Information

12.7.2 Gentherm Business Overview

12.7.3 Gentherm Revenue in Thermal Management Business (2019-2024)

12.7.4 Gentherm Thermal Management Product Portfolio

12.7.5 Gentherm Recent Developments

12.8 Delta

12.8.1 Delta Company Information

12.8.2 Delta Business Overview

12.8.3 Delta Revenue in Thermal Management Business (2019-2024)

12.8.4 Delta Thermal Management Product Portfolio

12.8.5 Delta Recent Developments

12.9 Laird

12.9.1 Laird Company Information

12.9.2 Laird Business Overview

12.9.3 Laird Revenue in Thermal Management Business (2019-2024)

12.9.4 Laird Thermal Management Product Portfolio

12.9.5 Laird Recent Developments

12.10 Boyd Corporation

12.10.1 Boyd Corporation Company Information

12.10.2 Boyd Corporation Business Overview

12.10.3 Boyd Corporation Revenue in Thermal Management Business (2019-2024)

12.10.4 Boyd Corporation Thermal Management Product Portfolio

12.10.5 Boyd Corporation Recent Developments

12.11 Heatex

12.11.1 Heatex Company Information

12.11.2 Heatex Business Overview

12.11.3 Heatex Revenue in Thermal Management Business (2019-2024)

12.11.4 Heatex Thermal Management Product Portfolio

12.11.5 Heatex Recent Developments

12.12 European Thermodynamics

12.12.1 European Thermodynamics Company Information

- 12.12.2 European Thermodynamics Business Overview
- 12.12.3 European Thermodynamics Revenue in Thermal Management Business (2019-2024)
- 12.12.4 European Thermodynamics Thermal Management Product Portfolio
- 12.12.5 European Thermodynamics Recent Developments
- 12.13 Advanced Cooling Technologies
 - 12.13.1 Advanced Cooling Technologies Company Information
 - 12.13.2 Advanced Cooling Technologies Business Overview
 - 12.13.3 Advanced Cooling Technologies Revenue in Thermal Management Business (2019-2024)
 - 12.13.4 Advanced Cooling Technologies Thermal Management Product Portfolio
 - 12.13.5 Advanced Cooling Technologies Recent Developments
- 12.14 Dau Thermal Solutions
 - 12.14.1 Dau Thermal Solutions Company Information
 - 12.14.2 Dau Thermal Solutions Business Overview
 - 12.14.3 Dau Thermal Solutions Revenue in Thermal Management Business (2019-2024)
 - 12.14.4 Dau Thermal Solutions Thermal Management Product Portfolio
 - 12.14.5 Dau Thermal Solutions Recent Developments

13 REPORT CONCLUSION

14 DISCLAIMER

I would like to order

Product name: Thermal Management Industry Research Report 2024

Product link: <https://marketpublishers.com/r/T507F23BB219EN.html>

Price: US\$ 2,950.00 (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/T507F23BB219EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970