

# Global Thermal Management Market Analysis and Forecast 2024-2030

<https://marketpublishers.com/r/G7C0BCEF38DAEN.html>

Date: April 2024

Pages: 125

Price: US\$ 4,950.00 (Single User License)

ID: G7C0BCEF38DAEN

## 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 is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

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 Includes

This report presents an overview of global market for Thermal Management, market size. Analyses of the global market trends, with historic market revenue data for 2019 -

2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Thermal Management, also provides the revenue of main regions and countries. Of the upcoming market potential for Thermal Management, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Thermal Management revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Thermal Management market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by Type and by Application, revenue, and growth rate, from 2019 to 2030. Evaluation and forecast the market size for Thermal Management revenue, projected growth trends, production technology, application and end-user industry.

Descriptive company profiles of the major global players, including DENSO, Valeo, MAHLE, Hanon Systems, Honeywell, Vertiv, Gentherm, Delta and Laird, etc.

#### Thermal Management segment by Company

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

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

### Study Objectives

1. To analyze and research the global status and future forecast, involving growth rate (CAGR), market share, historical and forecast.
2. To present the key players, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

## 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 market size), 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: 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 2: Introduces the market dynamics, latest developments of the market, the

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

Chapter 3: Revenue of Thermal Management in global and regional level. 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 4: Detailed analysis of Thermal Management company competitive landscape, revenue, market share and industry ranking, latest development plan, merger, and acquisition information, etc.

Chapter 5: Provides the analysis of various market segments by type, covering the revenue, and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 6: Provides the analysis of various market segments by application, covering the revenue, and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 7: Provides profiles of key companies, introducing the basic situation of the main companies in the market in detail, including product descriptions and specifications, Thermal Management revenue, gross margin, and recent development, etc.

Chapter 8: North America (US & Canada) by type, by application and by country, revenue for each segment.

Chapter 9: Europe by type, by application and by country, revenue for each segment.

Chapter 10: China type, by application, revenue for each segment.

Chapter 11: Asia (excluding China) type, by application and by region, revenue for each segment.

Chapter 12: Middle East, Africa, and Latin America type, by application and by country, revenue for each segment.

Chapter 13: The main concluding insights of the report.

Chapter 13: The main concluding insights of the report.



## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Thermal Management Market by Type
  - 1.2.1 Global Thermal Management Market Size by Type, 2019 VS 2023 VS 2030
  - 1.2.2 Conduction Cooling Devices
  - 1.2.3 Convection Cooling Devices
  - 1.2.4 Hybrid Cooling Devices
  - 1.2.5 Others
- 1.3 Thermal Management Market by Application
  - 1.3.1 Global Thermal Management Market Size by Application, 2019 VS 2023 VS 2030
  - 1.3.2 Automotive
  - 1.3.3 Aerospace and Defense
  - 1.3.4 Servers and Data Centers
  - 1.3.5 Consumer Electronics
  - 1.3.6 Medical Equipment
  - 1.3.7 Others
- 1.4 Assumptions and Limitations
- 1.5 Study Goals and Objectives

### 2 THERMAL MANAGEMENT MARKET DYNAMICS

- 2.1 Thermal Management Industry Trends
- 2.2 Thermal Management Industry Drivers
- 2.3 Thermal Management Industry Opportunities and Challenges
- 2.4 Thermal Management Industry Restraints

### 3 GLOBAL GROWTH PERSPECTIVE

- 3.1 Global Thermal Management Market Perspective (2019-2030)
- 3.2 Global Thermal Management Growth Trends by Region
  - 3.2.1 Global Thermal Management Market Size by Region: 2019 VS 2023 VS 2030
  - 3.2.2 Global Thermal Management Market Size by Region (2019-2024)
  - 3.2.3 Global Thermal Management Market Size by Region (2025-2030)

### 4 COMPETITIVE LANDSCAPE BY PLAYERS

- 4.1 Global Thermal Management Revenue by Players
  - 4.1.1 Global Thermal Management Revenue by Players (2019-2024)
  - 4.1.2 Global Thermal Management Revenue Market Share by Players (2019-2024)
  - 4.1.3 Global Thermal Management Players Revenue Share Top 10 and Top 5 in 2023
- 4.2 Global Thermal Management Key Players Ranking, 2022 VS 2023 VS 2024
- 4.3 Global Thermal Management Key Players Headquarters & Area Served
- 4.4 Global Thermal Management Players, Product Type & Application
- 4.5 Global Thermal Management Players Commercialization Time
- 4.6 Market Competitive Analysis
  - 4.6.1 Global Thermal Management Market CR5 and HHI
  - 4.6.2 Global Top 5 and 10 Thermal Management Players Market Share by Revenue in 2023
  - 4.6.3 2023 Thermal Management Tier 1, Tier 2, and Tier

## **5 THERMAL MANAGEMENT MARKET SIZE BY TYPE**

- 5.1 Global Thermal Management Revenue by Type (2019 VS 2023 VS 2030)
- 5.2 Global Thermal Management Revenue by Type (2019-2030)
- 5.3 Global Thermal Management Revenue Market Share by Type (2019-2030)

## **6 THERMAL MANAGEMENT MARKET SIZE BY APPLICATION**

- 6.1 Global Thermal Management Revenue by Application (2019 VS 2023 VS 2030)
- 6.2 Global Thermal Management Revenue by Application (2019-2030)
- 6.3 Global Thermal Management Revenue Market Share by Application (2019-2030)

## **7 COMPANY PROFILES**

- 7.1 DENSO
  - 7.1.1 DENSO Company Information
  - 7.1.2 DENSO Business Overview
  - 7.1.3 DENSO Thermal Management Revenue and Gross Margin (2019-2024)
  - 7.1.4 DENSO Thermal Management Product Portfolio
  - 7.1.5 DENSO Recent Developments
- 7.2 Valeo
  - 7.2.1 Valeo Company Information
  - 7.2.2 Valeo Business Overview
  - 7.2.3 Valeo Thermal Management Revenue and Gross Margin (2019-2024)

7.2.4 Valeo Thermal Management Product Portfolio

7.2.5 Valeo Recent Developments

### 7.3 MAHLE

7.3.1 MAHLE Company Information

7.3.2 MAHLE Business Overview

7.3.3 MAHLE Thermal Management Revenue and Gross Margin (2019-2024)

7.3.4 MAHLE Thermal Management Product Portfolio

7.3.5 MAHLE Recent Developments

### 7.4 Hanon Systems

7.4.1 Hanon Systems Company Information

7.4.2 Hanon Systems Business Overview

7.4.3 Hanon Systems Thermal Management Revenue and Gross Margin (2019-2024)

7.4.4 Hanon Systems Thermal Management Product Portfolio

7.4.5 Hanon Systems Recent Developments

### 7.5 Honeywell

7.5.1 Honeywell Company Information

7.5.2 Honeywell Business Overview

7.5.3 Honeywell Thermal Management Revenue and Gross Margin (2019-2024)

7.5.4 Honeywell Thermal Management Product Portfolio

7.5.5 Honeywell Recent Developments

### 7.6 Vertiv

7.6.1 Vertiv Company Information

7.6.2 Vertiv Business Overview

7.6.3 Vertiv Thermal Management Revenue and Gross Margin (2019-2024)

7.6.4 Vertiv Thermal Management Product Portfolio

7.6.5 Vertiv Recent Developments

### 7.7 Gentherm

7.7.1 Gentherm Company Information

7.7.2 Gentherm Business Overview

7.7.3 Gentherm Thermal Management Revenue and Gross Margin (2019-2024)

7.7.4 Gentherm Thermal Management Product Portfolio

7.7.5 Gentherm Recent Developments

### 7.8 Delta

7.8.1 Delta Company Information

7.8.2 Delta Business Overview

7.8.3 Delta Thermal Management Revenue and Gross Margin (2019-2024)

7.8.4 Delta Thermal Management Product Portfolio

7.8.5 Delta Recent Developments

### 7.9 Laird

- 7.9.1 Laird Comapny Information
- 7.9.2 Laird Business Overview
- 7.9.3 Laird Thermal Management Revenue and Gross Margin (2019-2024)
- 7.9.4 Laird Thermal Management Product Portfolio
- 7.9.5 Laird Recent Developments
- 7.10 Boyd Corporation
  - 7.10.1 Boyd Corporation Comapny Information
  - 7.10.2 Boyd Corporation Business Overview
  - 7.10.3 Boyd Corporation Thermal Management Revenue and Gross Margin (2019-2024)
  - 7.10.4 Boyd Corporation Thermal Management Product Portfolio
  - 7.10.5 Boyd Corporation Recent Developments
- 7.11 Heatex
  - 7.11.1 Heatex Comapny Information
  - 7.11.2 Heatex Business Overview
  - 7.11.3 Heatex Thermal Management Revenue and Gross Margin (2019-2024)
  - 7.11.4 Heatex Thermal Management Product Portfolio
  - 7.11.5 Heatex Recent Developments
- 7.12 European Thermodynamics
  - 7.12.1 European Thermodynamics Comapny Information
  - 7.12.2 European Thermodynamics Business Overview
  - 7.12.3 European Thermodynamics Thermal Management Revenue and Gross Margin (2019-2024)
  - 7.12.4 European Thermodynamics Thermal Management Product Portfolio
  - 7.12.5 European Thermodynamics Recent Developments
- 7.13 Advanced Cooling Technologies
  - 7.13.1 Advanced Cooling Technologies Comapny Information
  - 7.13.2 Advanced Cooling Technologies Business Overview
  - 7.13.3 Advanced Cooling Technologies Thermal Management Revenue and Gross Margin (2019-2024)
  - 7.13.4 Advanced Cooling Technologies Thermal Management Product Portfolio
  - 7.13.5 Advanced Cooling Technologies Recent Developments
- 7.14 Dau Thermal Solutions
  - 7.14.1 Dau Thermal Solutions Comapny Information
  - 7.14.2 Dau Thermal Solutions Business Overview
  - 7.14.3 Dau Thermal Solutions Thermal Management Revenue and Gross Margin (2019-2024)
  - 7.14.4 Dau Thermal Solutions Thermal Management Product Portfolio
  - 7.14.5 Dau Thermal Solutions Recent Developments

## **8 NORTH AMERICA**

- 8.1 North America Thermal Management Revenue (2019-2030)
- 8.2 North America Thermal Management Revenue by Type (2019-2030)
  - 8.2.1 North America Thermal Management Revenue by Type (2019-2024)
  - 8.2.2 North America Thermal Management Revenue by Type (2025-2030)
- 8.3 North America Thermal Management Revenue Share by Type (2019-2030)
- 8.4 North America Thermal Management Revenue by Application (2019-2030)
  - 8.4.1 North America Thermal Management Revenue by Application (2019-2024)
  - 8.4.2 North America Thermal Management Revenue by Application (2025-2030)
- 8.5 North America Thermal Management Revenue Share by Application (2019-2030)
- 8.6 North America Thermal Management Revenue by Country
  - 8.6.1 North America Thermal Management Revenue by Country (2019 VS 2023 VS 2030)
  - 8.6.2 North America Thermal Management Revenue by Country (2019-2024)
  - 8.6.3 North America Thermal Management Revenue by Country (2025-2030)
  - 8.6.4 U.S.
  - 8.6.5 Canada

## **9 EUROPE**

- 9.1 Europe Thermal Management Revenue (2019-2030)
- 9.2 Europe Thermal Management Revenue by Type (2019-2030)
  - 9.2.1 Europe Thermal Management Revenue by Type (2019-2024)
  - 9.2.2 Europe Thermal Management Revenue by Type (2025-2030)
- 9.3 Europe Thermal Management Revenue Share by Type (2019-2030)
- 9.4 Europe Thermal Management Revenue by Application (2019-2030)
  - 9.4.1 Europe Thermal Management Revenue by Application (2019-2024)
  - 9.4.2 Europe Thermal Management Revenue by Application (2025-2030)
- 9.5 Europe Thermal Management Revenue Share by Application (2019-2030)
- 9.6 Europe Thermal Management Revenue by Country
  - 9.6.1 Europe Thermal Management Revenue by Country (2019 VS 2023 VS 2030)
  - 9.6.2 Europe Thermal Management Revenue by Country (2019-2024)
  - 9.6.3 Europe Thermal Management Revenue by Country (2025-2030)
  - 9.6.4 Germany
  - 9.6.5 France
  - 9.6.6 U.K.
  - 9.6.7 Italy

### 9.6.8 Russia

## **10 CHINA**

### 10.1 China Thermal Management Revenue (2019-2030)

### 10.2 China Thermal Management Revenue by Type (2019-2030)

#### 10.2.1 China Thermal Management Revenue by Type (2019-2024)

#### 10.2.2 China Thermal Management Revenue by Type (2025-2030)

### 10.3 China Thermal Management Revenue Share by Type (2019-2030)

### 10.4 China Thermal Management Revenue by Application (2019-2030)

#### 10.4.1 China Thermal Management Revenue by Application (2019-2024)

#### 10.4.2 China Thermal Management Revenue by Application (2025-2030)

### 10.5 China Thermal Management Revenue Share by Application (2019-2030)

## **11 ASIA (EXCLUDING CHINA)**

### 11.1 Asia Thermal Management Revenue (2019-2030)

### 11.2 Asia Thermal Management Revenue by Type (2019-2030)

#### 11.2.1 Asia Thermal Management Revenue by Type (2019-2024)

#### 11.2.2 Asia Thermal Management Revenue by Type (2025-2030)

### 11.3 Asia Thermal Management Revenue Share by Type (2019-2030)

### 11.4 Asia Thermal Management Revenue by Application (2019-2030)

#### 11.4.1 Asia Thermal Management Revenue by Application (2019-2024)

#### 11.4.2 Asia Thermal Management Revenue by Application (2025-2030)

### 11.5 Asia Thermal Management Revenue Share by Application (2019-2030)

### 11.6 Asia Thermal Management Revenue by Country

#### 11.6.1 Asia Thermal Management Revenue by Country (2019 VS 2023 VS 2030)

#### 11.6.2 Asia Thermal Management Revenue by Country (2019-2024)

#### 11.6.3 Asia Thermal Management Revenue by Country (2025-2030)

#### 11.6.4 Japan

#### 11.6.5 South Korea

#### 11.6.6 India

#### 11.6.7 Australia

#### 11.6.8 China Taiwan

#### 11.6.9 Southeast Asia

## **12 MIDDLE EAST, AFRICA, LATIN AMERICA**

### 12.1 MEALA Thermal Management Revenue (2019-2030)

- 12.2 MEALA Thermal Management Revenue by Type (2019-2030)
  - 12.2.1 MEALA Thermal Management Revenue by Type (2019-2024)
  - 12.2.2 MEALA Thermal Management Revenue by Type (2025-2030)
- 12.3 MEALA Thermal Management Revenue Share by Type (2019-2030)
- 12.4 MEALA Thermal Management Revenue by Application (2019-2030)
  - 12.4.1 MEALA Thermal Management Revenue by Application (2019-2024)
  - 12.4.2 MEALA Thermal Management Revenue by Application (2025-2030)
- 12.5 MEALA Thermal Management Revenue Share by Application (2019-2030)
- 12.6 MEALA Thermal Management Revenue by Country
  - 12.6.1 MEALA Thermal Management Revenue by Country (2019 VS 2023 VS 2030)
  - 12.6.2 MEALA Thermal Management Revenue by Country (2019-2024)
  - 12.6.3 MEALA Thermal Management Revenue by Country (2025-2030)
  - 12.6.4 Mexico
  - 12.6.5 Brazil
  - 12.6.6 Israel
  - 12.6.7 Argentina
  - 12.6.8 Colombia
  - 12.6.9 Turkey
  - 12.6.10 Saudi Arabia
  - 12.6.11 UAE

## **13 CONCLUDING INSIGHTS**

## **14 APPENDIX**

- 14.1 Reasons for Doing This Study
- 14.2 Research Methodology
- 14.3 Research Process
- 14.4 Authors List of This Report
- 14.5 Data Source
  - 14.5.1 Secondary Sources
  - 14.5.2 Primary Sources
- 14.6 Disclaimer



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