

# Global Loop Heat Pipes Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global Loop Heat Pipes market size was valued at US\$ 30.6 million in 2024 and is forecast to a readjusted size of USD 42.9 million by 2031 with a CAGR of 5.0% during review period.

A loop heat pipe (LHP) is a two-phase heat transfer device that uses capillary action to remove heat from a source and passively move it to a condenser or radiator.

The core manufacturers of Loop Heat Pipes worldwide include Boyd Corporation, Mott Corporation and Fujikura. The top three companies have a market share of about 47%. North America is the world's largest market for Loop Heat Pipes with a market share of about 38%, followed by Europe and China with a market share of 31% and 18%, respectively. In terms of product type, Cylindrical Evaporator is the largest segment with approximately 72% market share. In terms of applications, Aerospace is the largest downstream segment, accounting for about 65% of the market.

This report is a detailed and comprehensive analysis for global Loop Heat Pipes market. Both quantitative and qualitative analyses are presented by manufacturers, 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 Loop Heat Pipes market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2020-2031

Global Loop Heat Pipes market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2020-2031

Global Loop Heat Pipes market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2020-2031

Global Loop Heat Pipes market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (K US\$/Unit), 2020-2025

### **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 Loop Heat Pipes
- To forecast future growth in each product and end-use market
- To forecast future factors affecting the marketplace

This report profiles key players in the global Loop Heat Pipes market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Boyd Corporation, Mott Corporation, Fujikura, Calyos, Advanced Cooling Technologies (ACT), Arquimea, Celsia Technologies, Thermatech, Shenzhen VC Thermal Technology, etc.

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

### **Market Segmentation**

Loop Heat Pipes market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

#### **Market segment by Type**

Cylindrical Evaporator

Flat Plate Evaporator

#### Market segment by Application

Aerospace

Electronic Equipment

Others

#### Major players covered

Boyd Corporation

Mott Corporation

Fujikura

Calyos

Advanced Cooling Technologies (ACT)

Arquimea

Celsia Technologies

Thermatech

Shenzhen VC Thermal Technology

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Loop Heat Pipes product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Loop Heat Pipes, with price, sales quantity, revenue, and global market share of Loop Heat Pipes from 2020 to 2025.

Chapter 3, the Loop Heat Pipes competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Loop Heat Pipes breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Loop Heat Pipes market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Loop Heat Pipes.

Chapter 14 and 15, to describe Loop Heat Pipes sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

#### 1.1 Product Overview and Scope

#### 1.2 Market Estimation Caveats and Base Year

#### 1.3 Market Analysis by Type

##### 1.3.1 Overview: Global Loop Heat Pipes Consumption Value by Type: 2020 Versus 2024 Versus 2031

##### 1.3.2 Cylindrical Evaporator

##### 1.3.3 Flat Plate Evaporator

#### 1.4 Market Analysis by Application

##### 1.4.1 Overview: Global Loop Heat Pipes Consumption Value by Application: 2020 Versus 2024 Versus 2031

##### 1.4.2 Aerospace

##### 1.4.3 Electronic Equipment

##### 1.4.4 Others

#### 1.5 Global Loop Heat Pipes Market Size & Forecast

##### 1.5.1 Global Loop Heat Pipes Consumption Value (2020 & 2024 & 2031)

##### 1.5.2 Global Loop Heat Pipes Sales Quantity (2020-2031)

##### 1.5.3 Global Loop Heat Pipes Average Price (2020-2031)

### 2 MANUFACTURERS PROFILES

#### 2.1 Boyd Corporation

##### 2.1.1 Boyd Corporation Details

##### 2.1.2 Boyd Corporation Major Business

##### 2.1.3 Boyd Corporation Loop Heat Pipes Product and Services

##### 2.1.4 Boyd Corporation Loop Heat Pipes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

##### 2.1.5 Boyd Corporation Recent Developments/Updates

#### 2.2 Mott Corporation

##### 2.2.1 Mott Corporation Details

##### 2.2.2 Mott Corporation Major Business

##### 2.2.3 Mott Corporation Loop Heat Pipes Product and Services

##### 2.2.4 Mott Corporation Loop Heat Pipes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

##### 2.2.5 Mott Corporation Recent Developments/Updates

#### 2.3 Fujikura

- 2.3.1 Fujikura Details
- 2.3.2 Fujikura Major Business
- 2.3.3 Fujikura Loop Heat Pipes Product and Services
- 2.3.4 Fujikura Loop Heat Pipes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.3.5 Fujikura Recent Developments/Updates
- 2.4 Calyos
  - 2.4.1 Calyos Details
  - 2.4.2 Calyos Major Business
  - 2.4.3 Calyos Loop Heat Pipes Product and Services
  - 2.4.4 Calyos Loop Heat Pipes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.4.5 Calyos Recent Developments/Updates
- 2.5 Advanced Cooling Technologies (ACT)
  - 2.5.1 Advanced Cooling Technologies (ACT) Details
  - 2.5.2 Advanced Cooling Technologies (ACT) Major Business
  - 2.5.3 Advanced Cooling Technologies (ACT) Loop Heat Pipes Product and Services
  - 2.5.4 Advanced Cooling Technologies (ACT) Loop Heat Pipes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.5.5 Advanced Cooling Technologies (ACT) Recent Developments/Updates
- 2.6 Arquimea
  - 2.6.1 Arquimea Details
  - 2.6.2 Arquimea Major Business
  - 2.6.3 Arquimea Loop Heat Pipes Product and Services
  - 2.6.4 Arquimea Loop Heat Pipes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.6.5 Arquimea Recent Developments/Updates
- 2.7 Celsia Technologies
  - 2.7.1 Celsia Technologies Details
  - 2.7.2 Celsia Technologies Major Business
  - 2.7.3 Celsia Technologies Loop Heat Pipes Product and Services
  - 2.7.4 Celsia Technologies Loop Heat Pipes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.7.5 Celsia Technologies Recent Developments/Updates
- 2.8 Thermatech
  - 2.8.1 Thermatech Details
  - 2.8.2 Thermatech Major Business
  - 2.8.3 Thermatech Loop Heat Pipes Product and Services
  - 2.8.4 Thermatech Loop Heat Pipes Sales Quantity, Average Price, Revenue, Gross

## Margin and Market Share (2020-2025)

### 2.8.5 Thermatech Recent Developments/Updates

## 2.9 Shenzhen VC Thermal Technology

### 2.9.1 Shenzhen VC Thermal Technology Details

### 2.9.2 Shenzhen VC Thermal Technology Major Business

### 2.9.3 Shenzhen VC Thermal Technology Loop Heat Pipes Product and Services

### 2.9.4 Shenzhen VC Thermal Technology Loop Heat Pipes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.9.5 Shenzhen VC Thermal Technology Recent Developments/Updates

## **3 COMPETITIVE ENVIRONMENT: LOOP HEAT PIPES BY MANUFACTURER**

### 3.1 Global Loop Heat Pipes Sales Quantity by Manufacturer (2020-2025)

### 3.2 Global Loop Heat Pipes Revenue by Manufacturer (2020-2025)

### 3.3 Global Loop Heat Pipes Average Price by Manufacturer (2020-2025)

### 3.4 Market Share Analysis (2024)

#### 3.4.1 Producer Shipments of Loop Heat Pipes by Manufacturer Revenue (\$MM) and Market Share (%): 2024

#### 3.4.2 Top 3 Loop Heat Pipes Manufacturer Market Share in 2024

#### 3.4.3 Top 6 Loop Heat Pipes Manufacturer Market Share in 2024

### 3.5 Loop Heat Pipes Market: Overall Company Footprint Analysis

#### 3.5.1 Loop Heat Pipes Market: Region Footprint

#### 3.5.2 Loop Heat Pipes Market: Company Product Type Footprint

#### 3.5.3 Loop Heat Pipes Market: Company Product Application Footprint

### 3.6 New Market Entrants and Barriers to Market Entry

### 3.7 Mergers, Acquisition, Agreements, and Collaborations

## **4 CONSUMPTION ANALYSIS BY REGION**

### 4.1 Global Loop Heat Pipes Market Size by Region

#### 4.1.1 Global Loop Heat Pipes Sales Quantity by Region (2020-2031)

#### 4.1.2 Global Loop Heat Pipes Consumption Value by Region (2020-2031)

#### 4.1.3 Global Loop Heat Pipes Average Price by Region (2020-2031)

### 4.2 North America Loop Heat Pipes Consumption Value (2020-2031)

### 4.3 Europe Loop Heat Pipes Consumption Value (2020-2031)

### 4.4 Asia-Pacific Loop Heat Pipes Consumption Value (2020-2031)

### 4.5 South America Loop Heat Pipes Consumption Value (2020-2031)

### 4.6 Middle East & Africa Loop Heat Pipes Consumption Value (2020-2031)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Loop Heat Pipes Sales Quantity by Type (2020-2031)
- 5.2 Global Loop Heat Pipes Consumption Value by Type (2020-2031)
- 5.3 Global Loop Heat Pipes Average Price by Type (2020-2031)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Loop Heat Pipes Sales Quantity by Application (2020-2031)
- 6.2 Global Loop Heat Pipes Consumption Value by Application (2020-2031)
- 6.3 Global Loop Heat Pipes Average Price by Application (2020-2031)

## **7 NORTH AMERICA**

- 7.1 North America Loop Heat Pipes Sales Quantity by Type (2020-2031)
- 7.2 North America Loop Heat Pipes Sales Quantity by Application (2020-2031)
- 7.3 North America Loop Heat Pipes Market Size by Country
  - 7.3.1 North America Loop Heat Pipes Sales Quantity by Country (2020-2031)
  - 7.3.2 North America Loop Heat Pipes Consumption Value by Country (2020-2031)
  - 7.3.3 United States Market Size and Forecast (2020-2031)
  - 7.3.4 Canada Market Size and Forecast (2020-2031)
  - 7.3.5 Mexico Market Size and Forecast (2020-2031)

## **8 EUROPE**

- 8.1 Europe Loop Heat Pipes Sales Quantity by Type (2020-2031)
- 8.2 Europe Loop Heat Pipes Sales Quantity by Application (2020-2031)
- 8.3 Europe Loop Heat Pipes Market Size by Country
  - 8.3.1 Europe Loop Heat Pipes Sales Quantity by Country (2020-2031)
  - 8.3.2 Europe Loop Heat Pipes Consumption Value by Country (2020-2031)
  - 8.3.3 Germany Market Size and Forecast (2020-2031)
  - 8.3.4 France Market Size and Forecast (2020-2031)
  - 8.3.5 United Kingdom Market Size and Forecast (2020-2031)
  - 8.3.6 Russia Market Size and Forecast (2020-2031)
  - 8.3.7 Italy Market Size and Forecast (2020-2031)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific Loop Heat Pipes Sales Quantity by Type (2020-2031)

- 9.2 Asia-Pacific Loop Heat Pipes Sales Quantity by Application (2020-2031)
- 9.3 Asia-Pacific Loop Heat Pipes Market Size by Region
  - 9.3.1 Asia-Pacific Loop Heat Pipes Sales Quantity by Region (2020-2031)
  - 9.3.2 Asia-Pacific Loop Heat Pipes Consumption Value by Region (2020-2031)
  - 9.3.3 China Market Size and Forecast (2020-2031)
  - 9.3.4 Japan Market Size and Forecast (2020-2031)
  - 9.3.5 South Korea Market Size and Forecast (2020-2031)
  - 9.3.6 India Market Size and Forecast (2020-2031)
  - 9.3.7 Southeast Asia Market Size and Forecast (2020-2031)
  - 9.3.8 Australia Market Size and Forecast (2020-2031)

## **10 SOUTH AMERICA**

- 10.1 South America Loop Heat Pipes Sales Quantity by Type (2020-2031)
- 10.2 South America Loop Heat Pipes Sales Quantity by Application (2020-2031)
- 10.3 South America Loop Heat Pipes Market Size by Country
  - 10.3.1 South America Loop Heat Pipes Sales Quantity by Country (2020-2031)
  - 10.3.2 South America Loop Heat Pipes Consumption Value by Country (2020-2031)
  - 10.3.3 Brazil Market Size and Forecast (2020-2031)
  - 10.3.4 Argentina Market Size and Forecast (2020-2031)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Loop Heat Pipes Sales Quantity by Type (2020-2031)
- 11.2 Middle East & Africa Loop Heat Pipes Sales Quantity by Application (2020-2031)
- 11.3 Middle East & Africa Loop Heat Pipes Market Size by Country
  - 11.3.1 Middle East & Africa Loop Heat Pipes Sales Quantity by Country (2020-2031)
  - 11.3.2 Middle East & Africa Loop Heat Pipes Consumption Value by Country (2020-2031)
  - 11.3.3 Turkey Market Size and Forecast (2020-2031)
  - 11.3.4 Egypt Market Size and Forecast (2020-2031)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)
  - 11.3.6 South Africa Market Size and Forecast (2020-2031)

## **12 MARKET DYNAMICS**

- 12.1 Loop Heat Pipes Market Drivers
- 12.2 Loop Heat Pipes Market Restraints
- 12.3 Loop Heat Pipes Trends Analysis

## 12.4 Porters Five Forces Analysis

- 12.4.1 Threat of New Entrants
- 12.4.2 Bargaining Power of Suppliers
- 12.4.3 Bargaining Power of Buyers
- 12.4.4 Threat of Substitutes
- 12.4.5 Competitive Rivalry

## 13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Loop Heat Pipes and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Loop Heat Pipes
- 13.3 Loop Heat Pipes Production Process
- 13.4 Industry Value Chain Analysis

## 14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 Loop Heat Pipes Typical Distributors
- 14.3 Loop Heat Pipes Typical Customers

## 15 RESEARCH FINDINGS AND CONCLUSION

## 16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Loop Heat Pipes Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Loop Heat Pipes Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Boyd Corporation Basic Information, Manufacturing Base and Competitors

Table 4. Boyd Corporation Major Business

Table 5. Boyd Corporation Loop Heat Pipes Product and Services

Table 6. Boyd Corporation Loop Heat Pipes Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Boyd Corporation Recent Developments/Updates

Table 8. Mott Corporation Basic Information, Manufacturing Base and Competitors

Table 9. Mott Corporation Major Business

Table 10. Mott Corporation Loop Heat Pipes Product and Services

Table 11. Mott Corporation Loop Heat Pipes Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Mott Corporation Recent Developments/Updates

Table 13. Fujikura Basic Information, Manufacturing Base and Competitors

Table 14. Fujikura Major Business

Table 15. Fujikura Loop Heat Pipes Product and Services

Table 16. Fujikura Loop Heat Pipes Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Fujikura Recent Developments/Updates

Table 18. Calyos Basic Information, Manufacturing Base and Competitors

Table 19. Calyos Major Business

Table 20. Calyos Loop Heat Pipes Product and Services

Table 21. Calyos Loop Heat Pipes Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Calyos Recent Developments/Updates

Table 23. Advanced Cooling Technologies (ACT) Basic Information, Manufacturing Base and Competitors

Table 24. Advanced Cooling Technologies (ACT) Major Business

Table 25. Advanced Cooling Technologies (ACT) Loop Heat Pipes Product and Services

Table 26. Advanced Cooling Technologies (ACT) Loop Heat Pipes Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market

Share (2020-2025)

Table 27. Advanced Cooling Technologies (ACT) Recent Developments/Updates

Table 28. Arquimea Basic Information, Manufacturing Base and Competitors

Table 29. Arquimea Major Business

Table 30. Arquimea Loop Heat Pipes Product and Services

Table 31. Arquimea Loop Heat Pipes Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Arquimea Recent Developments/Updates

Table 33. Celsia Technologies Basic Information, Manufacturing Base and Competitors

Table 34. Celsia Technologies Major Business

Table 35. Celsia Technologies Loop Heat Pipes Product and Services

Table 36. Celsia Technologies Loop Heat Pipes Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. Celsia Technologies Recent Developments/Updates

Table 38. Thermatech Basic Information, Manufacturing Base and Competitors

Table 39. Thermatech Major Business

Table 40. Thermatech Loop Heat Pipes Product and Services

Table 41. Thermatech Loop Heat Pipes Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Thermatech Recent Developments/Updates

Table 43. Shenzhen VC Thermal Technology Basic Information, Manufacturing Base and Competitors

Table 44. Shenzhen VC Thermal Technology Major Business

Table 45. Shenzhen VC Thermal Technology Loop Heat Pipes Product and Services

Table 46. Shenzhen VC Thermal Technology Loop Heat Pipes Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Shenzhen VC Thermal Technology Recent Developments/Updates

Table 48. Global Loop Heat Pipes Sales Quantity by Manufacturer (2020-2025) & (Units)

Table 49. Global Loop Heat Pipes Revenue by Manufacturer (2020-2025) & (USD Million)

Table 50. Global Loop Heat Pipes Average Price by Manufacturer (2020-2025) & (K US\$/Unit)

Table 51. Market Position of Manufacturers in Loop Heat Pipes, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 52. Head Office and Loop Heat Pipes Production Site of Key Manufacturer

Table 53. Loop Heat Pipes Market: Company Product Type Footprint

Table 54. Loop Heat Pipes Market: Company Product Application Footprint

|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| Table 55. Loop Heat Pipes New Market Entrants and Barriers to Market Entry                           |
| Table 56. Loop Heat Pipes Mergers, Acquisition, Agreements, and Collaborations                       |
| Table 57. Global Loop Heat Pipes Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR |
| Table 58. Global Loop Heat Pipes Sales Quantity by Region (2020-2025) & (Units)                      |
| Table 59. Global Loop Heat Pipes Sales Quantity by Region (2026-2031) & (Units)                      |
| Table 60. Global Loop Heat Pipes Consumption Value by Region (2020-2025) & (USD Million)             |
| Table 61. Global Loop Heat Pipes Consumption Value by Region (2026-2031) & (USD Million)             |
| Table 62. Global Loop Heat Pipes Average Price by Region (2020-2025) & (K US\$/Unit)                 |
| Table 63. Global Loop Heat Pipes Average Price by Region (2026-2031) & (K US\$/Unit)                 |
| Table 64. Global Loop Heat Pipes Sales Quantity by Type (2020-2025) & (Units)                        |
| Table 65. Global Loop Heat Pipes Sales Quantity by Type (2026-2031) & (Units)                        |
| Table 66. Global Loop Heat Pipes Consumption Value by Type (2020-2025) & (USD Million)               |
| Table 67. Global Loop Heat Pipes Consumption Value by Type (2026-2031) & (USD Million)               |
| Table 68. Global Loop Heat Pipes Average Price by Type (2020-2025) & (K US\$/Unit)                   |
| Table 69. Global Loop Heat Pipes Average Price by Type (2026-2031) & (K US\$/Unit)                   |
| Table 70. Global Loop Heat Pipes Sales Quantity by Application (2020-2025) & (Units)                 |
| Table 71. Global Loop Heat Pipes Sales Quantity by Application (2026-2031) & (Units)                 |
| Table 72. Global Loop Heat Pipes Consumption Value by Application (2020-2025) & (USD Million)        |
| Table 73. Global Loop Heat Pipes Consumption Value by Application (2026-2031) & (USD Million)        |
| Table 74. Global Loop Heat Pipes Average Price by Application (2020-2025) & (K US\$/Unit)            |
| Table 75. Global Loop Heat Pipes Average Price by Application (2026-2031) & (K US\$/Unit)            |
| Table 76. North America Loop Heat Pipes Sales Quantity by Type (2020-2025) & (Units)                 |
| Table 77. North America Loop Heat Pipes Sales Quantity by Type (2026-2031) & (Units)                 |
| Table 78. North America Loop Heat Pipes Sales Quantity by Application (2020-2025) & (Units)          |
| Table 79. North America Loop Heat Pipes Sales Quantity by Application (2026-2031) & (Units)          |
| Table 80. North America Loop Heat Pipes Sales Quantity by Country (2020-2025) &                      |

(Units)

Table 81. North America Loop Heat Pipes Sales Quantity by Country (2026-2031) & (Units)

Table 82. North America Loop Heat Pipes Consumption Value by Country (2020-2025) & (USD Million)

Table 83. North America Loop Heat Pipes Consumption Value by Country (2026-2031) & (USD Million)

Table 84. Europe Loop Heat Pipes Sales Quantity by Type (2020-2025) & (Units)

Table 85. Europe Loop Heat Pipes Sales Quantity by Type (2026-2031) & (Units)

Table 86. Europe Loop Heat Pipes Sales Quantity by Application (2020-2025) & (Units)

Table 87. Europe Loop Heat Pipes Sales Quantity by Application (2026-2031) & (Units)

Table 88. Europe Loop Heat Pipes Sales Quantity by Country (2020-2025) & (Units)

Table 89. Europe Loop Heat Pipes Sales Quantity by Country (2026-2031) & (Units)

Table 90. Europe Loop Heat Pipes Consumption Value by Country (2020-2025) & (USD Million)

Table 91. Europe Loop Heat Pipes Consumption Value by Country (2026-2031) & (USD Million)

Table 92. Asia-Pacific Loop Heat Pipes Sales Quantity by Type (2020-2025) & (Units)

Table 93. Asia-Pacific Loop Heat Pipes Sales Quantity by Type (2026-2031) & (Units)

Table 94. Asia-Pacific Loop Heat Pipes Sales Quantity by Application (2020-2025) & (Units)

Table 95. Asia-Pacific Loop Heat Pipes Sales Quantity by Application (2026-2031) & (Units)

Table 96. Asia-Pacific Loop Heat Pipes Sales Quantity by Region (2020-2025) & (Units)

Table 97. Asia-Pacific Loop Heat Pipes Sales Quantity by Region (2026-2031) & (Units)

Table 98. Asia-Pacific Loop Heat Pipes Consumption Value by Region (2020-2025) & (USD Million)

Table 99. Asia-Pacific Loop Heat Pipes Consumption Value by Region (2026-2031) & (USD Million)

Table 100. South America Loop Heat Pipes Sales Quantity by Type (2020-2025) & (Units)

Table 101. South America Loop Heat Pipes Sales Quantity by Type (2026-2031) & (Units)

Table 102. South America Loop Heat Pipes Sales Quantity by Application (2020-2025) & (Units)

Table 103. South America Loop Heat Pipes Sales Quantity by Application (2026-2031) & (Units)

Table 104. South America Loop Heat Pipes Sales Quantity by Country (2020-2025) & (Units)

Table 105. South America Loop Heat Pipes Sales Quantity by Country (2026-2031) & (Units)

Table 106. South America Loop Heat Pipes Consumption Value by Country (2020-2025) & (USD Million)

Table 107. South America Loop Heat Pipes Consumption Value by Country (2026-2031) & (USD Million)

Table 108. Middle East & Africa Loop Heat Pipes Sales Quantity by Type (2020-2025) & (Units)

Table 109. Middle East & Africa Loop Heat Pipes Sales Quantity by Type (2026-2031) & (Units)

Table 110. Middle East & Africa Loop Heat Pipes Sales Quantity by Application (2020-2025) & (Units)

Table 111. Middle East & Africa Loop Heat Pipes Sales Quantity by Application (2026-2031) & (Units)

Table 112. Middle East & Africa Loop Heat Pipes Sales Quantity by Country (2020-2025) & (Units)

Table 113. Middle East & Africa Loop Heat Pipes Sales Quantity by Country (2026-2031) & (Units)

Table 114. Middle East & Africa Loop Heat Pipes Consumption Value by Country (2020-2025) & (USD Million)

Table 115. Middle East & Africa Loop Heat Pipes Consumption Value by Country (2026-2031) & (USD Million)

Table 116. Loop Heat Pipes Raw Material

Table 117. Key Manufacturers of Loop Heat Pipes Raw Materials

Table 118. Loop Heat Pipes Typical Distributors

Table 119. Loop Heat Pipes Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Loop Heat Pipes Picture

Figure 2. Global Loop Heat Pipes Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global Loop Heat Pipes Revenue Market Share by Type in 2024

Figure 4. Cylindrical Evaporator Examples

Figure 5. Flat Plate Evaporator Examples

Figure 6. Global Loop Heat Pipes Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 7. Global Loop Heat Pipes Revenue Market Share by Application in 2024

Figure 8. Aerospace Examples

Figure 9. Electronic Equipment Examples

Figure 10. Others Examples

Figure 11. Global Loop Heat Pipes Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 12. Global Loop Heat Pipes Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 13. Global Loop Heat Pipes Sales Quantity (2020-2031) & (Units)

Figure 14. Global Loop Heat Pipes Price (2020-2031) & (K US\$/Unit)

Figure 15. Global Loop Heat Pipes Sales Quantity Market Share by Manufacturer in 2024

Figure 16. Global Loop Heat Pipes Revenue Market Share by Manufacturer in 2024

Figure 17. Producer Shipments of Loop Heat Pipes by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 18. Top 3 Loop Heat Pipes Manufacturer (Revenue) Market Share in 2024

Figure 19. Top 6 Loop Heat Pipes Manufacturer (Revenue) Market Share in 2024

Figure 20. Global Loop Heat Pipes Sales Quantity Market Share by Region (2020-2031)

Figure 21. Global Loop Heat Pipes Consumption Value Market Share by Region (2020-2031)

Figure 22. North America Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 23. Europe Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 24. Asia-Pacific Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 25. South America Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 26. Middle East & Africa Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 27. Global Loop Heat Pipes Sales Quantity Market Share by Type (2020-2031)

Figure 28. Global Loop Heat Pipes Consumption Value Market Share by Type (2020-2031)

Figure 29. Global Loop Heat Pipes Average Price by Type (2020-2031) & (K US\$/Unit)

Figure 30. Global Loop Heat Pipes Sales Quantity Market Share by Application (2020-2031)

Figure 31. Global Loop Heat Pipes Revenue Market Share by Application (2020-2031)

Figure 32. Global Loop Heat Pipes Average Price by Application (2020-2031) & (K US\$/Unit)

Figure 33. North America Loop Heat Pipes Sales Quantity Market Share by Type (2020-2031)

Figure 34. North America Loop Heat Pipes Sales Quantity Market Share by Application (2020-2031)

Figure 35. North America Loop Heat Pipes Sales Quantity Market Share by Country (2020-2031)

Figure 36. North America Loop Heat Pipes Consumption Value Market Share by Country (2020-2031)

Figure 37. United States Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 38. Canada Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 39. Mexico Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 40. Europe Loop Heat Pipes Sales Quantity Market Share by Type (2020-2031)

Figure 41. Europe Loop Heat Pipes Sales Quantity Market Share by Application (2020-2031)

Figure 42. Europe Loop Heat Pipes Sales Quantity Market Share by Country (2020-2031)

Figure 43. Europe Loop Heat Pipes Consumption Value Market Share by Country (2020-2031)

Figure 44. Germany Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 45. France Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 46. United Kingdom Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 47. Russia Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 48. Italy Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 49. Asia-Pacific Loop Heat Pipes Sales Quantity Market Share by Type (2020-2031)

Figure 50. Asia-Pacific Loop Heat Pipes Sales Quantity Market Share by Application

(2020-2031)

Figure 51. Asia-Pacific Loop Heat Pipes Sales Quantity Market Share by Region

(2020-2031)

Figure 52. Asia-Pacific Loop Heat Pipes Consumption Value Market Share by Region

(2020-2031)

Figure 53. China Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 54. Japan Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 55. South Korea Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 56. India Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 57. Southeast Asia Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 58. Australia Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 59. South America Loop Heat Pipes Sales Quantity Market Share by Type (2020-2031)

Figure 60. South America Loop Heat Pipes Sales Quantity Market Share by Application (2020-2031)

Figure 61. South America Loop Heat Pipes Sales Quantity Market Share by Country (2020-2031)

Figure 62. South America Loop Heat Pipes Consumption Value Market Share by Country (2020-2031)

Figure 63. Brazil Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 64. Argentina Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 65. Middle East & Africa Loop Heat Pipes Sales Quantity Market Share by Type (2020-2031)

Figure 66. Middle East & Africa Loop Heat Pipes Sales Quantity Market Share by Application (2020-2031)

Figure 67. Middle East & Africa Loop Heat Pipes Sales Quantity Market Share by Country (2020-2031)

Figure 68. Middle East & Africa Loop Heat Pipes Consumption Value Market Share by Country (2020-2031)

Figure 69. Turkey Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 70. Egypt Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 71. Saudi Arabia Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 72. South Africa Loop Heat Pipes Consumption Value (2020-2031) & (USD Million)

Figure 73. Loop Heat Pipes Market Drivers

Figure 74. Loop Heat Pipes Market Restraints

Figure 75. Loop Heat Pipes Market Trends

Figure 76. Porters Five Forces Analysis

Figure 77. Manufacturing Cost Structure Analysis of Loop Heat Pipes in 2024

Figure 78. Manufacturing Process Analysis of Loop Heat Pipes

Figure 79. Loop Heat Pipes Industrial Chain

Figure 80. Sales Channel: Direct to End-User vs Distributors

Figure 81. Direct Channel Pros & Cons

Figure 82. Indirect Channel Pros & Cons

Figure 83. Methodology

Figure 84. Research Process and Data Source

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