

# Global Direct Liquid Cooling (DLC) Cold Plates Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/GCC1B25F7638EN.html>

Date: October 2025

Pages: 90

Price: US\$ 3,480.00 (Single User License)

ID: GCC1B25F7638EN

## Abstracts

According to our (Global Info Research) latest study, the global Direct Liquid Cooling (DLC) Cold Plates market size was valued at US\$ 131 million in 2024 and is forecast to a readjusted size of USD 2305 million by 2031 with a CAGR of 51.3% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Direct Liquid Cooling (DLC) Cold Plates are specialized heat management components designed to transfer heat away from high-performance electronic devices or systems by directly cooling them with a liquid coolant. Unlike traditional air-based cooling systems, which rely on air flow to dissipate heat, DLC cold plates use a liquid coolant (such as water or a water-glycol mixture) that circulates through the cold plate to absorb and carry away heat.

The cold plate is typically in direct contact with the heat-generating components (e.g., processors, power transistors, or GPUs), and the liquid coolant flows through internal channels or microchannels in the plate. As the coolant passes over these hot surfaces, it absorbs the heat, thus preventing overheating and maintaining optimal operating temperatures for electronic components.

This report is a detailed and comprehensive analysis for global Direct Liquid Cooling (DLC) Cold Plates 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 Direct Liquid Cooling (DLC) Cold Plates market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Direct Liquid Cooling (DLC) Cold Plates market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Direct Liquid Cooling (DLC) Cold Plates market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Direct Liquid Cooling (DLC) Cold Plates market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (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 Direct Liquid Cooling (DLC) Cold Plates
- 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 Direct Liquid Cooling (DLC) Cold Plates 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 AVC, Auras, Shenzhen Cotran New Material, Shenzhen FRD, Cooler Master, CoolIT Systems, Nidec, Forcecon, Boyd, KENMEC, etc.

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

## Market Segmentation

Direct Liquid Cooling (DLC) Cold Plates 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

Copper Type

Copper+Aluminum Type

### Market segment by Application

CPU

GPU

Others

### Major players covered

AVC

Auras

Shenzhen Cotran New Material

Shenzhen FRD

Cooler Master

CoolIT Systems

Nidec

Forcecon

Boyd

KENMEC

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 Direct Liquid Cooling (DLC) Cold Plates product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Direct Liquid Cooling (DLC) Cold Plates, with price, sales quantity, revenue, and global market share of Direct Liquid Cooling (DLC) Cold Plates from 2020 to 2025.

Chapter 3, the Direct Liquid Cooling (DLC) Cold Plates competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Direct Liquid Cooling (DLC) Cold Plates 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 Direct Liquid Cooling (DLC) Cold Plates 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 Direct Liquid Cooling (DLC) Cold Plates.

Chapter 14 and 15, to describe Direct Liquid Cooling (DLC) Cold Plates 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 Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Copper Type

1.3.3 Copper+Aluminum Type

1.4 Market Analysis by Application

1.4.1 Overview: Global Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 CPU

1.4.3 GPU

1.4.4 Others

1.5 Global Direct Liquid Cooling (DLC) Cold Plates Market Size & Forecast

1.5.1 Global Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Direct Liquid Cooling (DLC) Cold Plates Sales Quantity (2020-2031)

1.5.3 Global Direct Liquid Cooling (DLC) Cold Plates Average Price (2020-2031)

### 2 MANUFACTURERS PROFILES

2.1 AVC

2.1.1 AVC Details

2.1.2 AVC Major Business

2.1.3 AVC Direct Liquid Cooling (DLC) Cold Plates Product and Services

2.1.4 AVC Direct Liquid Cooling (DLC) Cold Plates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 AVC Recent Developments/Updates

2.2 Auras

2.2.1 Auras Details

2.2.2 Auras Major Business

2.2.3 Auras Direct Liquid Cooling (DLC) Cold Plates Product and Services

2.2.4 Auras Direct Liquid Cooling (DLC) Cold Plates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.2.5 Auras Recent Developments/Updates

## 2.3 Shenzhen Cotran New Material

### 2.3.1 Shenzhen Cotran New Material Details

### 2.3.2 Shenzhen Cotran New Material Major Business

### 2.3.3 Shenzhen Cotran New Material Direct Liquid Cooling (DLC) Cold Plates Product and Services

### 2.3.4 Shenzhen Cotran New Material Direct Liquid Cooling (DLC) Cold Plates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.3.5 Shenzhen Cotran New Material Recent Developments/Updates

## 2.4 Shenzhen FRD

### 2.4.1 Shenzhen FRD Details

### 2.4.2 Shenzhen FRD Major Business

### 2.4.3 Shenzhen FRD Direct Liquid Cooling (DLC) Cold Plates Product and Services

### 2.4.4 Shenzhen FRD Direct Liquid Cooling (DLC) Cold Plates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.4.5 Shenzhen FRD Recent Developments/Updates

## 2.5 Cooler Master

### 2.5.1 Cooler Master Details

### 2.5.2 Cooler Master Major Business

### 2.5.3 Cooler Master Direct Liquid Cooling (DLC) Cold Plates Product and Services

### 2.5.4 Cooler Master Direct Liquid Cooling (DLC) Cold Plates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.5.5 Cooler Master Recent Developments/Updates

## 2.6 CoolIT Systems

### 2.6.1 CoolIT Systems Details

### 2.6.2 CoolIT Systems Major Business

### 2.6.3 CoolIT Systems Direct Liquid Cooling (DLC) Cold Plates Product and Services

### 2.6.4 CoolIT Systems Direct Liquid Cooling (DLC) Cold Plates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.6.5 CoolIT Systems Recent Developments/Updates

## 2.7 Nidec

### 2.7.1 Nidec Details

### 2.7.2 Nidec Major Business

### 2.7.3 Nidec Direct Liquid Cooling (DLC) Cold Plates Product and Services

### 2.7.4 Nidec Direct Liquid Cooling (DLC) Cold Plates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.7.5 Nidec Recent Developments/Updates

## 2.8 Forcecon

### 2.8.1 Forcecon Details

### 2.8.2 Forcecon Major Business

- 2.8.3 Forcecon Direct Liquid Cooling (DLC) Cold Plates Product and Services
- 2.8.4 Forcecon Direct Liquid Cooling (DLC) Cold Plates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.8.5 Forcecon Recent Developments/Updates
- 2.9 Boyd
  - 2.9.1 Boyd Details
  - 2.9.2 Boyd Major Business
  - 2.9.3 Boyd Direct Liquid Cooling (DLC) Cold Plates Product and Services
  - 2.9.4 Boyd Direct Liquid Cooling (DLC) Cold Plates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.9.5 Boyd Recent Developments/Updates
- 2.10 KENMEC
  - 2.10.1 KENMEC Details
  - 2.10.2 KENMEC Major Business
  - 2.10.3 KENMEC Direct Liquid Cooling (DLC) Cold Plates Product and Services
  - 2.10.4 KENMEC Direct Liquid Cooling (DLC) Cold Plates Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.10.5 KENMEC Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: DIRECT LIQUID COOLING (DLC) COLD PLATES BY MANUFACTURER**

- 3.1 Global Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Manufacturer (2020-2025)
- 3.2 Global Direct Liquid Cooling (DLC) Cold Plates Revenue by Manufacturer (2020-2025)
- 3.3 Global Direct Liquid Cooling (DLC) Cold Plates Average Price by Manufacturer (2020-2025)
- 3.4 Market Share Analysis (2024)
  - 3.4.1 Producer Shipments of Direct Liquid Cooling (DLC) Cold Plates by Manufacturer Revenue (\$MM) and Market Share (%): 2024
  - 3.4.2 Top 3 Direct Liquid Cooling (DLC) Cold Plates Manufacturer Market Share in 2024
  - 3.4.3 Top 6 Direct Liquid Cooling (DLC) Cold Plates Manufacturer Market Share in 2024
- 3.5 Direct Liquid Cooling (DLC) Cold Plates Market: Overall Company Footprint Analysis
  - 3.5.1 Direct Liquid Cooling (DLC) Cold Plates Market: Region Footprint
  - 3.5.2 Direct Liquid Cooling (DLC) Cold Plates Market: Company Product Type

Footprint

3.5.3 Direct Liquid Cooling (DLC) Cold Plates 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 Direct Liquid Cooling (DLC) Cold Plates Market Size by Region

4.1.1 Global Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Region (2020-2031)

4.1.2 Global Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Region (2020-2031)

4.1.3 Global Direct Liquid Cooling (DLC) Cold Plates Average Price by Region (2020-2031)

4.2 North America Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031)

4.3 Europe Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031)

4.4 Asia-Pacific Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031)

4.5 South America Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031)

4.6 Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031)

## **5 MARKET SEGMENT BY TYPE**

5.1 Global Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Type (2020-2031)

5.2 Global Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Type (2020-2031)

5.3 Global Direct Liquid Cooling (DLC) Cold Plates Average Price by Type (2020-2031)

## **6 MARKET SEGMENT BY APPLICATION**

6.1 Global Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Application (2020-2031)

6.2 Global Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Application (2020-2031)

6.3 Global Direct Liquid Cooling (DLC) Cold Plates Average Price by Application

(2020-2031)

## **7 NORTH AMERICA**

7.1 North America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Type (2020-2031)

7.2 North America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Application (2020-2031)

7.3 North America Direct Liquid Cooling (DLC) Cold Plates Market Size by Country

7.3.1 North America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Country (2020-2031)

7.3.2 North America Direct Liquid Cooling (DLC) Cold Plates 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 Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Type (2020-2031)

8.2 Europe Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Application (2020-2031)

8.3 Europe Direct Liquid Cooling (DLC) Cold Plates Market Size by Country

8.3.1 Europe Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Country (2020-2031)

8.3.2 Europe Direct Liquid Cooling (DLC) Cold Plates 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 Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Application

(2020-2031)

9.3 Asia-Pacific Direct Liquid Cooling (DLC) Cold Plates Market Size by Region

9.3.1 Asia-Pacific Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Region  
(2020-2031)

9.3.2 Asia-Pacific Direct Liquid Cooling (DLC) Cold Plates 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 Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Type  
(2020-2031)

10.2 South America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by  
Application (2020-2031)

10.3 South America Direct Liquid Cooling (DLC) Cold Plates Market Size by Country

10.3.1 South America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by  
Country (2020-2031)

10.3.2 South America Direct Liquid Cooling (DLC) Cold Plates 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 Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by  
Type (2020-2031)

11.2 Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by  
Application (2020-2031)

11.3 Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates Market Size by  
Country

11.3.1 Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by  
Country (2020-2031)

11.3.2 Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates 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 Direct Liquid Cooling (DLC) Cold Plates Market Drivers
- 12.2 Direct Liquid Cooling (DLC) Cold Plates Market Restraints
- 12.3 Direct Liquid Cooling (DLC) Cold Plates 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 Direct Liquid Cooling (DLC) Cold Plates and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Direct Liquid Cooling (DLC) Cold Plates
- 13.3 Direct Liquid Cooling (DLC) Cold Plates 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 Direct Liquid Cooling (DLC) Cold Plates Typical Distributors
- 14.3 Direct Liquid Cooling (DLC) Cold Plates 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 Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. AVC Basic Information, Manufacturing Base and Competitors

Table 4. AVC Major Business

Table 5. AVC Direct Liquid Cooling (DLC) Cold Plates Product and Services

Table 6. AVC Direct Liquid Cooling (DLC) Cold Plates Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. AVC Recent Developments/Updates

Table 8. Auras Basic Information, Manufacturing Base and Competitors

Table 9. Auras Major Business

Table 10. Auras Direct Liquid Cooling (DLC) Cold Plates Product and Services

Table 11. Auras Direct Liquid Cooling (DLC) Cold Plates Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Auras Recent Developments/Updates

Table 13. Shenzhen Cotran New Material Basic Information, Manufacturing Base and Competitors

Table 14. Shenzhen Cotran New Material Major Business

Table 15. Shenzhen Cotran New Material Direct Liquid Cooling (DLC) Cold Plates Product and Services

Table 16. Shenzhen Cotran New Material Direct Liquid Cooling (DLC) Cold Plates Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Shenzhen Cotran New Material Recent Developments/Updates

Table 18. Shenzhen FRD Basic Information, Manufacturing Base and Competitors

Table 19. Shenzhen FRD Major Business

Table 20. Shenzhen FRD Direct Liquid Cooling (DLC) Cold Plates Product and Services

Table 21. Shenzhen FRD Direct Liquid Cooling (DLC) Cold Plates Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Shenzhen FRD Recent Developments/Updates

Table 23. Cooler Master Basic Information, Manufacturing Base and Competitors

Table 24. Cooler Master Major Business

Table 25. Cooler Master Direct Liquid Cooling (DLC) Cold Plates Product and Services

Table 26. Cooler Master Direct Liquid Cooling (DLC) Cold Plates Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Cooler Master Recent Developments/Updates

Table 28. CoolIT Systems Basic Information, Manufacturing Base and Competitors

Table 29. CoolIT Systems Major Business

Table 30. CoolIT Systems Direct Liquid Cooling (DLC) Cold Plates Product and Services

Table 31. CoolIT Systems Direct Liquid Cooling (DLC) Cold Plates Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. CoolIT Systems Recent Developments/Updates

Table 33. Nidec Basic Information, Manufacturing Base and Competitors

Table 34. Nidec Major Business

Table 35. Nidec Direct Liquid Cooling (DLC) Cold Plates Product and Services

Table 36. Nidec Direct Liquid Cooling (DLC) Cold Plates Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. Nidec Recent Developments/Updates

Table 38. Forcecon Basic Information, Manufacturing Base and Competitors

Table 39. Forcecon Major Business

Table 40. Forcecon Direct Liquid Cooling (DLC) Cold Plates Product and Services

Table 41. Forcecon Direct Liquid Cooling (DLC) Cold Plates Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Forcecon Recent Developments/Updates

Table 43. Boyd Basic Information, Manufacturing Base and Competitors

Table 44. Boyd Major Business

Table 45. Boyd Direct Liquid Cooling (DLC) Cold Plates Product and Services

Table 46. Boyd Direct Liquid Cooling (DLC) Cold Plates Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Boyd Recent Developments/Updates

Table 48. KENMEC Basic Information, Manufacturing Base and Competitors

Table 49. KENMEC Major Business

Table 50. KENMEC Direct Liquid Cooling (DLC) Cold Plates Product and Services

Table 51. KENMEC Direct Liquid Cooling (DLC) Cold Plates Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. KENMEC Recent Developments/Updates

Table 53. Global Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Manufacturer (2020-2025) & (K Units)

Table 54. Global Direct Liquid Cooling (DLC) Cold Plates Revenue by Manufacturer (2020-2025) & (USD Million)

Table 55. Global Direct Liquid Cooling (DLC) Cold Plates Average Price by Manufacturer (2020-2025) & (US\$/Unit)

Table 56. Market Position of Manufacturers in Direct Liquid Cooling (DLC) Cold Plates, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 57. Head Office and Direct Liquid Cooling (DLC) Cold Plates Production Site of Key Manufacturer

Table 58. Direct Liquid Cooling (DLC) Cold Plates Market: Company Product Type Footprint

Table 59. Direct Liquid Cooling (DLC) Cold Plates Market: Company Product Application Footprint

Table 60. Direct Liquid Cooling (DLC) Cold Plates New Market Entrants and Barriers to Market Entry

Table 61. Direct Liquid Cooling (DLC) Cold Plates Mergers, Acquisition, Agreements, and Collaborations

Table 62. Global Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 63. Global Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Region (2020-2025) & (K Units)

Table 64. Global Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Region (2026-2031) & (K Units)

Table 65. Global Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Region (2020-2025) & (USD Million)

Table 66. Global Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Region (2026-2031) & (USD Million)

Table 67. Global Direct Liquid Cooling (DLC) Cold Plates Average Price by Region (2020-2025) & (US\$/Unit)

Table 68. Global Direct Liquid Cooling (DLC) Cold Plates Average Price by Region (2026-2031) & (US\$/Unit)

Table 69. Global Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Type (2020-2025) & (K Units)

Table 70. Global Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Type (2026-2031) & (K Units)

Table 71. Global Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Type (2020-2025) & (USD Million)

Table 72. Global Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Type (2026-2031) & (USD Million)

Table 73. Global Direct Liquid Cooling (DLC) Cold Plates Average Price by Type (2020-2025) & (US\$/Unit)

Table 74. Global Direct Liquid Cooling (DLC) Cold Plates Average Price by Type (2026-2031) & (US\$/Unit)

Table 75. Global Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Application (2020-2025) & (K Units)

Table 76. Global Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Application (2026-2031) & (K Units)

Table 77. Global Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Application (2020-2025) & (USD Million)

Table 78. Global Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Application (2026-2031) & (USD Million)

Table 79. Global Direct Liquid Cooling (DLC) Cold Plates Average Price by Application (2020-2025) & (US\$/Unit)

Table 80. Global Direct Liquid Cooling (DLC) Cold Plates Average Price by Application (2026-2031) & (US\$/Unit)

Table 81. North America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Type (2020-2025) & (K Units)

Table 82. North America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Type (2026-2031) & (K Units)

Table 83. North America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Application (2020-2025) & (K Units)

Table 84. North America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Application (2026-2031) & (K Units)

Table 85. North America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Country (2020-2025) & (K Units)

Table 86. North America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Country (2026-2031) & (K Units)

Table 87. North America Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Country (2020-2025) & (USD Million)

Table 88. North America Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Country (2026-2031) & (USD Million)

Table 89. Europe Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Type (2020-2025) & (K Units)

Table 90. Europe Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Type

(2026-2031) & (K Units)

Table 91. Europe Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Application (2020-2025) & (K Units)

Table 92. Europe Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Application (2026-2031) & (K Units)

Table 93. Europe Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Country (2020-2025) & (K Units)

Table 94. Europe Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Country (2026-2031) & (K Units)

Table 95. Europe Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Country (2020-2025) & (USD Million)

Table 96. Europe Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Country (2026-2031) & (USD Million)

Table 97. Asia-Pacific Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Type (2020-2025) & (K Units)

Table 98. Asia-Pacific Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Type (2026-2031) & (K Units)

Table 99. Asia-Pacific Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Application (2020-2025) & (K Units)

Table 100. Asia-Pacific Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Application (2026-2031) & (K Units)

Table 101. Asia-Pacific Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Region (2020-2025) & (K Units)

Table 102. Asia-Pacific Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Region (2026-2031) & (K Units)

Table 103. Asia-Pacific Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Region (2020-2025) & (USD Million)

Table 104. Asia-Pacific Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Region (2026-2031) & (USD Million)

Table 105. South America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Type (2020-2025) & (K Units)

Table 106. South America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Type (2026-2031) & (K Units)

Table 107. South America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Application (2020-2025) & (K Units)

Table 108. South America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Application (2026-2031) & (K Units)

Table 109. South America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Country (2020-2025) & (K Units)

Table 110. South America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Country (2026-2031) & (K Units)

Table 111. South America Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Country (2020-2025) & (USD Million)

Table 112. South America Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Country (2026-2031) & (USD Million)

Table 113. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Type (2020-2025) & (K Units)

Table 114. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Type (2026-2031) & (K Units)

Table 115. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Application (2020-2025) & (K Units)

Table 116. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Application (2026-2031) & (K Units)

Table 117. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Country (2020-2025) & (K Units)

Table 118. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates Sales Quantity by Country (2026-2031) & (K Units)

Table 119. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Country (2020-2025) & (USD Million)

Table 120. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Country (2026-2031) & (USD Million)

Table 121. Direct Liquid Cooling (DLC) Cold Plates Raw Material

Table 122. Key Manufacturers of Direct Liquid Cooling (DLC) Cold Plates Raw Materials

Table 123. Direct Liquid Cooling (DLC) Cold Plates Typical Distributors

Table 124. Direct Liquid Cooling (DLC) Cold Plates Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. Direct Liquid Cooling (DLC) Cold Plates Picture
- Figure 2. Global Direct Liquid Cooling (DLC) Cold Plates Revenue by Type, (USD Million), 2020 & 2024 & 2031
- Figure 3. Global Direct Liquid Cooling (DLC) Cold Plates Revenue Market Share by Type in 2024
- Figure 4. Copper Type Examples
- Figure 5. Copper+Aluminum Type Examples
- Figure 6. Global Direct Liquid Cooling (DLC) Cold Plates Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Figure 7. Global Direct Liquid Cooling (DLC) Cold Plates Revenue Market Share by Application in 2024
- Figure 8. CPU Examples
- Figure 9. GPU Examples
- Figure 10. Others Examples
- Figure 11. Global Direct Liquid Cooling (DLC) Cold Plates Consumption Value, (USD Million): 2020 & 2024 & 2031
- Figure 12. Global Direct Liquid Cooling (DLC) Cold Plates Consumption Value and Forecast (2020-2031) & (USD Million)
- Figure 13. Global Direct Liquid Cooling (DLC) Cold Plates Sales Quantity (2020-2031) & (K Units)
- Figure 14. Global Direct Liquid Cooling (DLC) Cold Plates Price (2020-2031) & (US\$/Unit)
- Figure 15. Global Direct Liquid Cooling (DLC) Cold Plates Sales Quantity Market Share by Manufacturer in 2024
- Figure 16. Global Direct Liquid Cooling (DLC) Cold Plates Revenue Market Share by Manufacturer in 2024
- Figure 17. Producer Shipments of Direct Liquid Cooling (DLC) Cold Plates by Manufacturer Sales (\$MM) and Market Share (%): 2024
- Figure 18. Top 3 Direct Liquid Cooling (DLC) Cold Plates Manufacturer (Revenue) Market Share in 2024
- Figure 19. Top 6 Direct Liquid Cooling (DLC) Cold Plates Manufacturer (Revenue) Market Share in 2024
- Figure 20. Global Direct Liquid Cooling (DLC) Cold Plates Sales Quantity Market Share by Region (2020-2031)
- Figure 21. Global Direct Liquid Cooling (DLC) Cold Plates Consumption Value Market

Share by Region (2020-2031)

Figure 22. North America Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031) & (USD Million)

Figure 23. Europe Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031) & (USD Million)

Figure 24. Asia-Pacific Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031) & (USD Million)

Figure 25. South America Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031) & (USD Million)

Figure 26. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031) & (USD Million)

Figure 27. Global Direct Liquid Cooling (DLC) Cold Plates Sales Quantity Market Share by Type (2020-2031)

Figure 28. Global Direct Liquid Cooling (DLC) Cold Plates Consumption Value Market Share by Type (2020-2031)

Figure 29. Global Direct Liquid Cooling (DLC) Cold Plates Average Price by Type (2020-2031) & (US\$/Unit)

Figure 30. Global Direct Liquid Cooling (DLC) Cold Plates Sales Quantity Market Share by Application (2020-2031)

Figure 31. Global Direct Liquid Cooling (DLC) Cold Plates Revenue Market Share by Application (2020-2031)

Figure 32. Global Direct Liquid Cooling (DLC) Cold Plates Average Price by Application (2020-2031) & (US\$/Unit)

Figure 33. North America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity Market Share by Type (2020-2031)

Figure 34. North America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity Market Share by Application (2020-2031)

Figure 35. North America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity Market Share by Country (2020-2031)

Figure 36. North America Direct Liquid Cooling (DLC) Cold Plates Consumption Value Market Share by Country (2020-2031)

Figure 37. United States Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031) & (USD Million)

Figure 38. Canada Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031) & (USD Million)

Figure 39. Mexico Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031) & (USD Million)

Figure 40. Europe Direct Liquid Cooling (DLC) Cold Plates Sales Quantity Market Share by Type (2020-2031)

Figure 41. Europe Direct Liquid Cooling (DLC) Cold Plates Sales Quantity Market Share by Application (2020-2031)

Figure 42. Europe Direct Liquid Cooling (DLC) Cold Plates Sales Quantity Market Share by Country (2020-2031)

Figure 43. Europe Direct Liquid Cooling (DLC) Cold Plates Consumption Value Market Share by Country (2020-2031)

Figure 44. Germany Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031) & (USD Million)

Figure 45. France Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031) & (USD Million)

Figure 46. United Kingdom Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031) & (USD Million)

Figure 47. Russia Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031) & (USD Million)

Figure 48. Italy Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031) & (USD Million)

Figure 49. Asia-Pacific Direct Liquid Cooling (DLC) Cold Plates Sales Quantity Market Share by Type (2020-2031)

Figure 50. Asia-Pacific Direct Liquid Cooling (DLC) Cold Plates Sales Quantity Market Share by Application (2020-2031)

Figure 51. Asia-Pacific Direct Liquid Cooling (DLC) Cold Plates Sales Quantity Market Share by Region (2020-2031)

Figure 52. Asia-Pacific Direct Liquid Cooling (DLC) Cold Plates Consumption Value Market Share by Region (2020-2031)

Figure 53. China Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031) & (USD Million)

Figure 54. Japan Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031) & (USD Million)

Figure 55. South Korea Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031) & (USD Million)

Figure 56. India Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031) & (USD Million)

Figure 57. Southeast Asia Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031) & (USD Million)

Figure 58. Australia Direct Liquid Cooling (DLC) Cold Plates Consumption Value (2020-2031) & (USD Million)

Figure 59. South America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity Market Share by Type (2020-2031)

Figure 60. South America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity

Market Share by Application (2020-2031)

Figure 61. South America Direct Liquid Cooling (DLC) Cold Plates Sales Quantity

Market Share by Country (2020-2031)

Figure 62. South America Direct Liquid Cooling (DLC) Cold Plates Consumption Value

Market Share by Country (2020-2031)

Figure 63. Brazil Direct Liquid Cooling (DLC) Cold Plates Consumption Value  
(2020-2031) & (USD Million)

Figure 64. Argentina Direct Liquid Cooling (DLC) Cold Plates Consumption Value  
(2020-2031) & (USD Million)

Figure 65. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates Sales Quantity  
Market Share by Type (2020-2031)

Figure 66. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates Sales Quantity  
Market Share by Application (2020-2031)

Figure 67. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates Sales Quantity  
Market Share by Country (2020-2031)

Figure 68. Middle East & Africa Direct Liquid Cooling (DLC) Cold Plates Consumption  
Value Market Share by Country (2020-2031)

Figure 69. Turkey Direct Liquid Cooling (DLC) Cold Plates Consumption Value  
(2020-2031) & (USD Million)

Figure 70. Egypt Direct Liquid Cooling (DLC) Cold Plates Consumption Value  
(2020-2031) & (USD Million)

Figure 71. Saudi Arabia Direct Liquid Cooling (DLC) Cold Plates Consumption Value  
(2020-2031) & (USD Million)

Figure 72. South Africa Direct Liquid Cooling (DLC) Cold Plates Consumption Value  
(2020-2031) & (USD Million)

Figure 73. Direct Liquid Cooling (DLC) Cold Plates Market Drivers

Figure 74. Direct Liquid Cooling (DLC) Cold Plates Market Restraints

Figure 75. Direct Liquid Cooling (DLC) Cold Plates Market Trends

Figure 76. Porters Five Forces Analysis

Figure 77. Manufacturing Cost Structure Analysis of Direct Liquid Cooling (DLC) Cold  
Plates in 2024

Figure 78. Manufacturing Process Analysis of Direct Liquid Cooling (DLC) Cold Plates

Figure 79. Direct Liquid Cooling (DLC) Cold Plates 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

## I would like to order

Product name: Global Direct Liquid Cooling (DLC) Cold Plates Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: <https://marketpublishers.com/r/GCC1B25F7638EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GCC1B25F7638EN.html>