

# **Global Liquid Cold Plate 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 Liquid Cold Plate market size was valued at US\$ 244 million in 2024 and is forecast to a readjusted size of USD 282 million by 2031 with a CAGR of 2.1% during review period.

A cold plate is aluminum or other plate containing internal tubing through which a liquid coolant is forced, to absorb heat transferred to the plate by transistors and other components mounted on it. It is one of the most common liquid cooling solutions that make use of direct contact between the Cold Plate and the object to be cooled. This direct contact allows the heat to be efficiently conducted. Cold Plate offers many advantages over forced air cooled heat sinks such as performance, noise level and reliability.

The global Liquid Cold Plate market is dominated by Aavid, Lytron, Asia Vital Components, Wakefield-Vette and Wolverine Tube, with the top five players accounting for about 50% of the market share.

North America is the largest Liquid Cold Plate market with about 40 percent of the market, followed by China with about 35 percent.

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

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

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

Global Liquid Cold Plate market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (USD/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 Liquid Cold Plate

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 Liquid Cold Plate 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 Aavid, Lytron, Asia Vital Components, Wakefield-Vette, Wolverine Tube, HS Marston, Columbia-Staver, TAT Technologies, Ellediesse, DAU, etc.

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

#### Market Segmentation

Liquid Cold Plate 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

Formed Tube Cold Plate

Deep Drilled Cold Plate

Machined Channel Cold Plate

Pocketed Folded-Fin Cold Plate

Others

#### Market segment by Application

High Power Electronic Equipment

Laser Device

Power Conversion Equipment

Medical Equipment

Defence and Aerospace

LED

Others

#### Major players covered

Aavid

Lytron

Asia Vital Components

Wakefield-Vette

Wolverine Tube

HS Marston

Columbia-Staver

TAT Technologies

Ellediesse

DAU

TE Technology

Wenxuan Hardware

Kawaso Texcel

Hitachi

Suzhou Wint Electric

Tucker Engineering

Shanghai Kissthermal

MaxQ Technology

Mikros

Koolance

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 Liquid Cold Plate product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Liquid Cold Plate, with price, sales quantity, revenue, and global market share of Liquid Cold Plate from 2020 to 2025.

Chapter 3, the Liquid Cold Plate competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Liquid Cold Plate 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 Liquid Cold Plate 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 Liquid Cold Plate.

Chapter 14 and 15, to describe Liquid Cold Plate sales channel, distributors, customers, research findings and conclusion.

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