

Global Aluminum Liquid Cold Plate Market Growth 2023-2029

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Abstracts

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Aluminum Liquid Cold Plate allow the cooling of the most of electronic components thanks to the circulation of liquid inside of a metal plate. The contact between the plate and the component extract calories and transmit them to the fluid circulating into the canals. The plate can integrate a system of turbulators in order to improve the thermal exchange and the homogeneity of the temperature under the component.

LPI (LP Information)' newest research report, the “Aluminum Liquid Cold Plate Industry Forecast” looks at past sales and reviews total world Aluminum Liquid Cold Plate sales in 2022, providing a comprehensive analysis by region and market sector of projected Aluminum Liquid Cold Plate sales for 2023 through 2029. With Aluminum Liquid Cold Plate sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Aluminum Liquid Cold Plate industry.

This Insight Report provides a comprehensive analysis of the global Aluminum Liquid Cold Plate landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Aluminum Liquid Cold Plate portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Aluminum Liquid Cold Plate market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Aluminum Liquid Cold Plate and breaks down the forecast by type, by application, geography, and market size to highlight emerging

pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Aluminum Liquid Cold Plate.

The global Aluminum Liquid Cold Plate market size is projected to grow from US\$ 264.4 million in 2022 to US\$ 359.6 million in 2029; it is expected to grow at a CAGR of 359.6 from 2023 to 2029.

United States market for Aluminum Liquid Cold Plate is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Aluminum Liquid Cold Plate is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Aluminum Liquid Cold Plate is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Aluminum Liquid Cold Plate players cover Boyd Corporation, Wakefield-Vette, Wieland MicroCool, Asia Vital Components, Xenbo Electric, Kawaso Texcel, Mersen, Hitachi and Columbia-Staver, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Aluminum Liquid Cold Plate market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Formed Tube Cold Plate

Deep Drilled Cold Plate

Machined Channel Cold Plate

Pocketed Folded-fin Cold Plate

Others

Segmentation by application

High Power Electronic Equipment

Laser Device

Power Conversion Equipment

Medical Equipment

Defence and Aerospace

LED

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Boyd Corporation

Wakefield-Vette

Wieland MicroCool

Asia Vital Components

Xenbo Electric

Kawaso Texcel

Mersen

Hitachi

Columbia-Staver

TE Technology

DAU

Ellediesse

Cooltech s.r.l.

KTK Thermal

Aret? & Cocchi Technology

Suzhou Wint Electric

TAT Technologies

Wenxuan Hardware

Advanced Cooling Technologies

Mikros

Cool Tec Electronic GmbH

Tucker Engineering

MaxQ Technology

HS Marston

Austerlitz Electronics

EKL AG

Shanghai Kissthermal

Atherm

ThermaMasters

Key Questions Addressed in this Report

What is the 10-year outlook for the global Aluminum Liquid Cold Plate market?

What factors are driving Aluminum Liquid Cold Plate market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Aluminum Liquid Cold Plate market opportunities vary by end market size?

How does Aluminum Liquid Cold Plate break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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