

Global Aluminum Liquid Cold Plate Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

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.

According to our (Global Info Research) latest study, the global Aluminum Liquid Cold Plate market size was valued at USD 278.1 million in 2022 and is forecast to a readjusted size of USD 369.5 million by 2029 with a CAGR of 4.1% during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global Aluminum 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 2023, are provided.

Key Features:

Global Aluminum Liquid Cold Plate market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (USD/Unit), 2018-2029

Global Aluminum 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), 2018-2029

Global Aluminum 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), 2018-2029

Global Aluminum Liquid Cold Plate market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (USD/Unit), 2018-2023

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 Aluminum 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 Aluminum Liquid Cold Plate market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Boyd Corporation, Wakefield-Vette, Wieland MicroCool, Asia Vital Components and Xenbo Electric, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Aluminum Liquid Cold Plate market is split by Type and by Application. For the period 2018-2029, 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

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

Arete & 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

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

Chapter 2, to profile the top manufacturers of Aluminum Liquid Cold Plate, with price, sales, revenue and global market share of Aluminum Liquid Cold Plate from 2018 to 2023.

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

Chapter 4, the Aluminum Liquid Cold Plate breakdown data are shown at the regional

level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

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 2017 to 2022. and Aluminum Liquid Cold Plate market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Aluminum Liquid Cold Plate.

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

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