

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Liquid Cold Plate Market 2018, Forecast to 2023

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Abstracts

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.

Scope of the Report:

This report focuses on the Liquid Cold Plate in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. Currently, in this industry, Aavid, Lytron, Asia Vital Components, Wakefield-Vette and Xenbo Electric is the world's leading producer. Aavid is a global leader. In 2015, Aavid acquired Thermacore, Inc, Qfinsoft Technology Inc and Kunze-Folien GmbH. After the acquisition, Aavid's market share increased significantly. At present, Aavid occupy 22% of the global market share. In the United States and Europe, Aavid, Lytron, Wakefield-Vette, Wolverine Tube and Columbia-Staver are important players in the market. Asia Vital Components and Xenbo Electric are the Chinese market leaders. China is the world's largest exporting country. At present, Japan, South Korea, Southeast Asia and the United States need to import cold plate from China. In addition, many companies set up production bases in China. At the same time, China can also produce OEM cold plate. It should be noted that some of Aavid's products come from China or India (OEM form).

The worldwide market for Liquid Cold Plate is expected to grow at a CAGR of roughly 2.4% over the next five years, will reach 250 million US\$ in 2023, from 210 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Aavid

Lytron

Asia Vital Components

Wakefield-Vette

Wolverine Tube

Xenbo Electric

Columbia-Staver

TAT Technologies

Ellediesse

DAU

TE Technology

Wenxuan Hardware

Kawaso Texcel

Hitachi

Suzhou Wint Electric

Tucker Engineering

Shanghai Kissthermal

MaxQ Technology

Mikros

Koolance

HS Marston

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Formed Tube Cold Plate

Deep Drilled Cold Plate

Machined Channel Cold Plate

Pocketed Folded-fin Cold Plate

Others

Market Segment by Applications, can be divided into

High Power Electronic Equipment

Laser Device

Power Conversion Equipment

Medical Equipment

Defence and Aerospace

LED

Others

There are 15 Chapters to deeply display the global Liquid Cold Plate market. Chapter 1, to describe Liquid Cold Plate Introduction, product scope, market overview, market opportunities, market risk, market driving force; Chapter 2, to analyze the top manufacturers of Liquid Cold Plate, with sales, revenue, and price of Liquid Cold Plate, in 2016 and 2017; Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017; Chapter 4, to show the global market by regions, with sales, revenue and market share of Liquid Cold Plate, for each region, from 2013 to 2018; Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions; Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018; Chapter 12, Liquid Cold Plate market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023; Chapter 13, 14 and 15, to describe Liquid Cold Plate sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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