

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

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## Abstracts

A Cold Plate is an 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 makes 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 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. China and Japan are the leading countries of Asia-Pacific in the cold plate consumption. They each have 27.51 million USD and 24.64 million USD consumption of cold plate. Korea and Southeast Asia countries are the following. They took 12.14% and 15.58% of Asia-Pacific total revenue in share in 2016. The market of cold plate in Asia-Pacific had increased from 71.94 million USD in 2011 to 77.68 million USD by 2016. The CAGR is 1.55%. It makes Asia-Pacific the largest consumption area of cold plate with 35.21% of global total revenue in 2016.

The Europe cold plate market is about 66.65 million USD in 2016. And it is 61.82 million USD in 2011. The CAGR of Europe cold plate market value is about 1.52%. Among the European countries, Germany took about 31.81% of total Europe market value, followed by the UK and France. They each took 12.03% and 10.44% in share or 8.02 million USD and 6.96 million USD in value. Italy and Russia are less than them. They each

took 7.76% and 1.74% market value share. The rest of the Europe took 36.21% of Europe total revenue in 2016.

North America is an important consumption area of cold plate in the world. The revenue of cold plate increased from 56.10 million USD to 58.84 million USD from 2011 to 2016. The average growth rate is about 0.96%. And USA took more than 85% of North America total consumption value in 2016. Canada and Mexico only took about 12% and 1%.

The worldwide market for Cold Plate is expected to grow at a CAGR of roughly 1.9% over the next five years, will reach 260 million US\$ in 2023, from 230 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

AMS Technologies

Wolverine Tube

Xenbo Electric

Columbia-Staver

TAT Technologies

Ellediesse

DAU

TE Technology

ZETA Electronics

Kawaso Texcel

Hitachi

Suzhou Wint Electric

Tucker Engineering

Shanghai Kissthermal

MaxQ Technology

SysCooling Technology

Koolance

HS Marston

Mikros

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 Plates

Pocketed folded-fin Cold Plates

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 Cold Plate market.

Chapter 1, to describe Cold Plate Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Cold Plate, with sales, revenue, and price of 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 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, Cold Plate market forecast, by regions, type and application, with sales and

revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Cold Plate sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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