

Global Cold Plate Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Cold Plate market size is expected to reach \$ 650 million by 2032, rising at a market growth of 7.2% CAGR during the forecast period (2026-2032).

This report studies the Cold Plate market, 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.

Global Cold Plate key players include Aavid, Lytron, Wakefield-Vette, Wolverine Tube, Asia Vital Components, etc. Global top five manufacturers hold a share about 50%. USA is the largest market, with a share about 40%, followed by China, with a share about 25 percent. In terms of product, Formed Tube Cold Plate is the largest segment, with a share about 35%. And in terms of application, the largest application is High Power Electronic Equipment, followed by Medical Equipment, Power Conversion Equipmen, Laser Device, LED, Defence and Aerospace, etc.

This report studies the global Cold Plate production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Cold Plate and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Cold Plate that contribute to its increasing demand across

many markets.

Highlights and key features of the study

Global Cold Plate total production and demand, 2021-2032, (K Units)

Global Cold Plate total production value, 2021-2032, (USD Million)

Global Cold Plate production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Cold Plate consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Cold Plate domestic production, consumption, key domestic manufacturers and share

Global Cold Plate production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Cold Plate production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Cold Plate production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global 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 Aavid, Lytron, Asia Vital Components, Wakefield-Vette, Wolverine Tube, Xenbo Electric, Columbia-Staver, TAT Technologies, Ellediesse, DAU, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Cold Plate market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (USD/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Cold Plate Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Cold Plate Market, Segmentation by Type:

Formed tube Cold Plate

Deep drilled Cold Plate

Machined channel Cold Plates

Pocketed folded-fin Cold Plates

Others

Global Cold Plate Market, Segmentation by Application:

High Power Electronic Equipment

Laser Device

Power Conversion Equipment

Medical Equipment

Defence and Aerospace

LED

Others

Companies Profiled:

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

HS Marston

Key Questions Answered:

1. How big is the global Cold Plate market?
2. What is the demand of the global Cold Plate market?
3. What is the year over year growth of the global Cold Plate market?
4. What is the production and production value of the global Cold Plate market?
5. Who are the key producers in the global Cold Plate market?
6. What are the growth factors driving the market demand?

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