

Global PCB Circulation Chillers Market Growth 2026-2032

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Abstracts

The global PCB Circulation Chillers market size is predicted to grow from US\$ 838 million in 2025 to US\$ 1404 million in 2032; it is expected to grow at a CAGR of 7.8% from 2026 to 2032.

PCB circulation water chiller is a kind of equipment specially designed to provide stable cooling water in the manufacturing process of printed circuit boards, ensuring the smooth progress of high-temperature processes such as drilling, cutting, etching and welding. It continuously supplies cooling water at a set temperature through a circulation system to prevent material deformation or equipment damage caused by overheating, thereby improving production efficiency and product quality. The core components include high-efficiency compressors, precision temperature control systems, heat exchangers and circulating water pumps. The compressor refrigerant circulates, absorbs heat from the cooling water and discharges it; the heat exchanger realizes efficient heat transfer between cooling water and refrigerant; and the circulating water pump ensures that the cooling water flows evenly throughout the entire production process. The advanced temperature control system can automatically adjust the temperature according to real-time needs, ensuring a constant cooling effect while reducing energy consumption.

United States market for PCB Circulation Chillers is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for PCB Circulation Chillers is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for PCB Circulation Chillers is estimated to increase from US\$ million in

2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key PCB Circulation Chillers players cover Boyd, Opti Temp, KKT Chillers, Refrind, TEYU S&A Chiller, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "PCB Circulation Chillers Industry Forecast" looks at past sales and reviews total world PCB Circulation Chillers sales in 2025, providing a comprehensive analysis by region and market sector of projected PCB Circulation Chillers sales for 2026 through 2032. With PCB Circulation Chillers sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world PCB Circulation Chillers industry.

This Insight Report provides a comprehensive analysis of the global PCB Circulation Chillers 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 PCB Circulation Chillers portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global PCB Circulation Chillers market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for PCB Circulation Chillers 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 PCB Circulation Chillers.

This report presents a comprehensive overview, market shares, and growth opportunities of PCB Circulation Chillers market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Air-cooled

Water-cooled

Segmentation by Application:

- Metal Processing
- Laser Plating
- Semiconductor Testing
- 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 analysing the company's coverage, product portfolio, its market penetration.

Boyd

Opti Temp

KKT Chillers

Refrind

TEYU S&A Chiller

Shenzhen Shilin Refrigeration Equipment

Changzhou Hongkang Refrigeration Equipment

Beijing Jiuzhou Tongcheng

Shenzhen Kaideli

Suzhou OLT Refrigeration Equipment

Shenzhen Benson Intelligent Equipment

Shenzhen Keli Zhixin Technology

Dongguan Huaxiang Refrigeration Equipment

Suzhou Hemei Refrigeration Equipment

Guangdong Kedisheng Refrigeration Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global PCB Circulation Chillers market?

What factors are driving PCB Circulation Chillers market growth, globally and by region?

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

How do PCB Circulation Chillers market opportunities vary by end market size?

How does PCB Circulation Chillers break out by Type, by Application?

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