

Global PCB Circulation Chillers Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global PCB Circulation Chillers market size was valued at US\$ 778 million in 2024 and is forecast to a readjusted size of USD 1263 million by 2031 with a CAGR of 7.3% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

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.

This report is a detailed and comprehensive analysis for global PCB Circulation Chillers 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 2025, are provided.

Key Features:

Global PCB Circulation Chillers market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global PCB Circulation Chillers market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global PCB Circulation Chillers market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global PCB Circulation Chillers market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2020-2025

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 PCB Circulation Chillers
- 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 PCB Circulation Chillers market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include 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, etc.

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

Market Segmentation

PCB Circulation Chillers market is split by Type and by Application. For the period 2020-2031, 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

Air-cooled

Water-cooled

Market segment by Application

Metal Processing

Laser Plating

Semiconductor Testing

Others

Major players covered

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

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 PCB Circulation Chillers product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of PCB Circulation Chillers, with price, sales quantity, revenue, and global market share of PCB Circulation Chillers from 2020 to 2025.

Chapter 3, the PCB Circulation Chillers competitive situation, sales quantity, revenue,

and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the PCB Circulation Chillers breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and PCB Circulation Chillers market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of PCB Circulation Chillers.

Chapter 14 and 15, to describe PCB Circulation Chillers sales channel, distributors, customers, research findings and conclusion.

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