

Global Data Center Liquid Cooling Equipment 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 Data Center Liquid Cooling Equipment market size was valued at US\$ 2733 million in 2024 and is forecast to a readjusted size of USD 9280 million by 2031 with a CAGR of 19.3% 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.

A liquid cooling system, often referred to as water cooling, is a method of cooling electronic components, typically computer processors or graphics cards, by circulating a liquid coolant through a closed-loop system. The liquid absorbs heat from the components and carries it away from them, usually to a radiator where it dissipates into the surrounding air.

The liquid cooling system consists of the primary side and secondary side. The primary side includes the cooling tower and (optional) chiller. The secondary side includes a coolant distribute unit (CDU), liquid cooling cabinets, liquid-cooled chassis, and liquid-cooled nodes.

The statistic scope is core equipment used in liquid cooling system, including cooling tower, chiller, coolant distribute unit (CDU), liquid cooling cabinet etc.

This report is a detailed and comprehensive analysis for global Data Center Liquid Cooling Equipment 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 Data Center Liquid Cooling Equipment market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global Data Center Liquid Cooling Equipment market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2020-2031

Global Data Center Liquid Cooling Equipment 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 Data Center Liquid Cooling Equipment 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 Data Center Liquid Cooling Equipment
- 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 Data Center Liquid Cooling Equipment 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 Vertiv, nVent Schroff, STULZ, Envicool, Boyd Corporation, Delta Electronics, Rittal (Friedhelm Loh Group), Schneider Electric, Kaori Heat Treatment, Green Revolution Cooling (GRC), etc.

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

Market Segmentation

Data Center Liquid Cooling Equipment 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

Direct-to-chip Cooling

Immersion Cooling

Others

Market segment by Application

Government

Enterprise

Universities

Others

Major players covered

Vertiv

nVent Schroff

STULZ

Envicool

Boyd Corporation

Delta Electronics

Rittal (Friedhelm Loh Group)

Schneider Electric

Kaori Heat Treatment

Green Revolution Cooling (GRC)

Laird Thermal Systems

Airedale (Modine)

Midas Green Technologies

LiquidStack

DCX

Motivair

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 Data Center Liquid Cooling Equipment product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Data Center Liquid Cooling Equipment,

with price, sales quantity, revenue, and global market share of Data Center Liquid Cooling Equipment from 2020 to 2025.

Chapter 3, the Data Center Liquid Cooling Equipment competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Data Center Liquid Cooling Equipment 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 Data Center Liquid Cooling Equipment 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 Data Center Liquid Cooling Equipment.

Chapter 14 and 15, to describe Data Center Liquid Cooling Equipment sales channel, distributors, customers, research findings and conclusion.

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