+357 96 030922
info@marketpublishers.com

Global Data Center Liquid Cooling Piping Components Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/G2B7E8C42A84EN.html
Date: September 2026
Pages: 150
Price: US$ 4,480.00 (Single User License)
ID: G2B7E8C42A84EN

Abstracts

The global Data Center Liquid Cooling Piping Components market size is expected to reach $ 7054 million by 2032, rising at a market growth of 13.7% CAGR during the forecast period (2026-2032).

Data Center Liquid Cooling Piping Components refer to critical fluid management components used in liquid cooling systems for modern data centers, enabling coolant circulation, distribution, connection, and flow control between servers, racks, cooling distribution units (CDUs), heat exchangers, and external cooling infrastructure. The product scope covers liquid cooling hoses, rigid piping, quick connectors, manifolds, valves, couplings, and sealing components designed for high-density computing environments. These components support efficient heat transfer from high-performance processors and AI accelerators by providing reliable liquid flow channels with requirements for high pressure resistance, low leakage, thermal stability, corrosion resistance, and long-term operational reliability. The market mainly serves AI data centers, cloud computing facilities, hyperscale data centers, enterprise computing infrastructure, and edge computing environments adopting cold plate, rack-level, and immersion liquid cooling architectures.

Key Findings

Data center liquid cooling piping components are mainly driven by AI server and high-density computing infrastructure deployment

Quick connectors and liquid cooling manifolds represent core components in

+357 96 030922
info@marketpublishers.com

advanced liquid cooling systems

Cold plate liquid cooling remains the dominant architecture for commercial AI data center deployment

North America leads high-performance computing liquid cooling adoption with strong hyperscale data center demand

Leading suppliers compete through fluid reliability, customization capability, and thermal management expertise

Market Trends

The data center liquid cooling piping components market is evolving rapidly as increasing AI workloads, GPU clusters, and high-performance computing systems push rack power density beyond the limitations of traditional air cooling. Future product development is focused on higher flow rates, improved pressure tolerance, enhanced sealing technologies, reduced installation complexity, and standardized modular designs. Quick disconnect technologies, advanced manifolds, and integrated rack-level liquid distribution solutions are becoming increasingly important as operators seek scalable cooling architectures for AI infrastructure. Manufacturers are also improving material compatibility, contamination control, and lifecycle reliability to meet the requirements of next-generation data centers.

Market Dynamics

Drivers

The primary growth drivers include rapid expansion of AI computing infrastructure, increasing deployment of GPU-based servers, rising rack power density, and global demand for energy-efficient data centers. Liquid cooling enables significantly improved thermal management compared with conventional air cooling and is increasingly adopted by cloud service providers, internet companies, and enterprise operators. The transition toward direct-to-chip cooling and rack-level liquid cooling architectures is creating sustained demand for specialized piping components, quick connectors, and coolant distribution solutions.

+357 96 030922
info@marketpublishers.com

Restraints

Market development is constrained by the complexity of liquid cooling system integration, higher initial infrastructure investment, strict requirements for leakage prevention, and the need for specialized installation and maintenance capabilities. Data center operators must also address coolant compatibility, reliability verification, and long-term operational risks before large-scale deployment, which may slow adoption in traditional facilities.

Opportunities

Major opportunities arise from the rapid growth of AI data centers, expansion of hyperscale computing facilities, and increasing adoption of liquid cooling in enterprise and edge computing environments. Suppliers with capabilities in precision fluid control, customized manifold design, high-performance connectors, and integrated cooling solutions are positioned to benefit from future market expansion. Standardization of liquid cooling interfaces and growing demand for modular rack solutions will further create opportunities for component manufacturers.

Challenges

The industry faces challenges related to technology standardization, supply chain coordination, reliability certification, and competition between different liquid cooling architectures. Component suppliers need to maintain extremely low leakage rates, high durability, and compatibility with evolving server designs. Rapid changes in AI hardware platforms also require continuous product adaptation and engineering investment.Industry Chain Analysis

The data center liquid cooling piping components industry chain consists of upstream materials, midstream component manufacturing, and downstream data center applications. The upstream sector includes stainless steel, copper alloys, polymers, sealing materials, precision machining equipment, and surface treatment technologies that determine corrosion resistance, mechanical strength, and reliability. The midstream sector includes manufacturers producing liquid cooling hoses, quick connectors, manifolds, valves, and integrated fluid distribution components. The downstream sector covers hyperscale data centers, cloud service providers, telecommunications operators, government computing facilities, healthcare computing infrastructure, and AI computing centers. Value creation mainly comes from precision manufacturing capability, fluid

+357 96 030922
info@marketpublishers.com

reliability engineering, customization services, and integration with advanced liquid cooling architectures.

Segment Insights

By product type, quick connectors, liquid cooling manifolds, and hoses represent the most important segments because they directly influence coolant circulation efficiency, maintenance convenience, and system reliability. Quick connectors are increasingly valued in rack-level and direct liquid cooling systems due to their ability to simplify server replacement and reduce maintenance downtime. Liquid cooling manifolds are becoming strategically important as AI racks require more complex coolant distribution structures. By cooling structure, cold plate liquid cooling currently represents the largest commercial segment, while rack-level liquid cooling and immersion liquid cooling are gaining attention for future high-density AI computing applications. The market structure is shifting toward higher-value customized components rather than standardized low-cost piping products.

Downstream Market Opportunities

The major downstream opportunities are concentrated in AI data centers, cloud computing infrastructure, telecommunications facilities, enterprise data centers, and specialized computing environments. AI training and inference workloads require increasingly powerful accelerators, creating demand for advanced liquid cooling solutions capable of supporting higher thermal loads. Cloud providers and large-scale data center operators are accelerating adoption of liquid cooling technologies to improve energy efficiency, reduce operating costs, and support next-generation computing platforms. Emerging applications in edge computing and industry-specific data centers will provide additional growth opportunities.

Regional Insights

North America represents one of the most advanced markets for data center liquid cooling piping components due to strong demand from hyperscale cloud providers, AI infrastructure developers, and high-performance computing operators. The region has established liquid cooling ecosystems covering component suppliers, system integrators, and data center operators. Asia Pacific is becoming a major growth region driven by AI infrastructure investment, semiconductor ecosystem expansion, and

+357 96 030922
info@marketpublishers.com

increasing construction of large-scale data centers. China, Japan, South Korea, and Taiwan are strengthening their positions through local manufacturing capabilities in precision connectors, thermal management components, and cooling systems. Europe is also expanding adoption as data center operators focus on energy efficiency and sustainability requirements.

Competitive Landscape Analysis

The competitive landscape is characterized by a combination of global fluid control specialists, thermal management companies, and regional precision component manufacturers. International companies such as Nitto Kohki, Stäubli, Danfoss, Parker Hannifin, Gates, Swagelok, and Boyd Corporation compete through advanced fluid connection technologies, reliability certification, and global customer networks. Data center infrastructure companies such as Vertiv and nVent participate through integrated cooling system solutions. Asian suppliers including Auras, Envicool, Tongfei, Jonhon Optronic Technology, Goaland, FRD, and other precision component manufacturers are strengthening competitiveness through localized production, customized solutions, and close cooperation with AI server ecosystem companies. Future competition will focus on connector standardization, liquid distribution efficiency, manufacturing precision, and integrated thermal management capability.

Report Scope

This report studies the global Data Center Liquid Cooling Piping Components demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Data Center Liquid Cooling Piping Components, 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 Data Center Liquid Cooling Piping Components that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Data Center Liquid Cooling Piping Components total market, 2021-2032,

+357 96 030922
info@marketpublishers.com

(USD Million)

Global Data Center Liquid Cooling Piping Components total market by region & country, CAGR, 2021-2032, (USD Million)

U.S. VS China: Data Center Liquid Cooling Piping Components total market, key domestic companies, and share, (USD Million)

Global Data Center Liquid Cooling Piping Components revenue by player, revenue and market share 2021-2026, (USD Million)

Global Data Center Liquid Cooling Piping Components total market by Type, CAGR, 2021-2032, (USD Million)

Global Data Center Liquid Cooling Piping Components total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major players in the global Data Center Liquid Cooling Piping Components market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Nitto Kohki, Stäubli, Vertiv, nVent, Danfoss, Parker Hannifin, Gates, Boyd Corporation, Colder Products Company, Swagelok, 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 Data Center Liquid Cooling Piping Components market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), by player, by regions, 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.

+357 96 030922
info@marketpublishers.com

Global Data Center Liquid Cooling Piping Components Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Market Segmentation

Global Data Center Liquid Cooling Piping Components Market, Segmentation by Type:

Liquid Cooling Hose

Quick Connectors

Liquid Cooling Manifolds

Others

Global Data Center Liquid Cooling Piping Components Market, Segmentation by Liquid Cooling Structures:

Cold Plate Liquid Cooling

+357 96 030922
info@marketpublishers.com

Immersion Liquid Cooling

Rack-Level Liquid Cooling

Global Data Center Liquid Cooling Piping Components Market, Segmentation by Application:

Internet

Telecommunications

Government

Healthcare

Other

Companies Profiled:

Nitto Kohki

Stäubli

Vertiv

nVent

Danfoss

Parker Hannifin

Gates

Boyd Corporation

+357 96 030922
info@marketpublishers.com

Colder Products Company

Swagelok

Auras

Jonhon Optronic Technology Co., Ltd.

Tongfei Co., Ltd.

Remindore Technology

Envicool Technology Co., Ltd.

Yimikang Tech. Group Co., Ltd.

Zhongding Group

Guangzhou Goaland Energy Conservation Tech. Co., Ltd

Shenzhen FRD Science & Technology Co., Ltd.

Key Questions Answered

1. How big is the global Data Center Liquid Cooling Piping Components market?
2. What is the demand of the global Data Center Liquid Cooling Piping Components market?
3. What is the year over year growth of the global Data Center Liquid Cooling Piping Components market?
4. What is the total value of the global Data Center Liquid Cooling Piping Components market?
5. Who are the Major Players in the global Data Center Liquid Cooling Piping Components market?
6. What are the growth factors driving the market demand?

+357 96 030922
info@marketpublishers.com

Contents

1 SUPPLY SUMMARY

1.1 Data Center Liquid Cooling Piping Components Introduction
1.2 World Data Center Liquid Cooling Piping Components Market Size & Forecast (2021 & 2025 & 2032)
1.3 World Data Center Liquid Cooling Piping Components Total Market by Region (by Headquarter Location)
  1.3.1 World Data Center Liquid Cooling Piping Components Market Size by Region (2021-2032), (by Headquarter Location)
  1.3.2 United States Based Company Data Center Liquid Cooling Piping Components Revenue (2021-2032)
  1.3.3 China Based Company Data Center Liquid Cooling Piping Components Revenue (2021-2032)
  1.3.4 Europe Based Company Data Center Liquid Cooling Piping Components Revenue (2021-2032)
  1.3.5 Japan Based Company Data Center Liquid Cooling Piping Components Revenue (2021-2032)
  1.3.6 South Korea Based Company Data Center Liquid Cooling Piping Components Revenue (2021-2032)
  1.3.7 ASEAN Based Company Data Center Liquid Cooling Piping Components Revenue (2021-2032)
  1.3.8 India Based Company Data Center Liquid Cooling Piping Components Revenue (2021-2032)
1.4 Market Drivers, Restraints and Trends
  1.4.1 Data Center Liquid Cooling Piping Components Market Drivers
  1.4.2 Factors Affecting Demand
  1.4.3 Major Market Trends

2 DEMAND SUMMARY

2.1 World Data Center Liquid Cooling Piping Components Consumption Value (2021-2032)
2.2 World Data Center Liquid Cooling Piping Components Consumption Value by Region
  2.2.1 World Data Center Liquid Cooling Piping Components Consumption Value by Region (2021-2026)
  2.2.2 World Data Center Liquid Cooling Piping Components Consumption Value

+357 96 030922
info@marketpublishers.com

Forecast by Region (2027-2032)
2.3 United States Data Center Liquid Cooling Piping Components Consumption Value (2021-2032)
2.4 China Data Center Liquid Cooling Piping Components Consumption Value (2021-2032)
2.5 Europe Data Center Liquid Cooling Piping Components Consumption Value (2021-2032)
2.6 Japan Data Center Liquid Cooling Piping Components Consumption Value (2021-2032)
2.7 South Korea Data Center Liquid Cooling Piping Components Consumption Value (2021-2032)
2.8 ASEAN Data Center Liquid Cooling Piping Components Consumption Value (2021-2032)
2.9 India Data Center Liquid Cooling Piping Components Consumption Value (2021-2032)

3 WORLD DATA CENTER LIQUID COOLING PIPING COMPONENTS COMPANIES COMPETITIVE ANALYSIS

3.1 World Data Center Liquid Cooling Piping Components Revenue by Player (2021-2026)
3.2 Industry Rank and Concentration Rate (CR)
3.2.1 Global Data Center Liquid Cooling Piping Components Industry Rank of Major Players
3.2.2 Global Concentration Ratios (CR4) for Data Center Liquid Cooling Piping Components in 2025
3.2.3 Global Concentration Ratios (CR8) for Data Center Liquid Cooling Piping Components in 2025
3.3 Data Center Liquid Cooling Piping Components Company Evaluation Quadrant
3.4 Data Center Liquid Cooling Piping Components Market: Overall Company Footprint Analysis
3.4.1 Data Center Liquid Cooling Piping Components Market: Region Footprint
3.4.2 Data Center Liquid Cooling Piping Components Market: Company Product Type Footprint
3.4.3 Data Center Liquid Cooling Piping Components Market: Company Product Application Footprint
3.5 Competitive Environment
3.5.1 Historical Structure of the Industry
3.5.2 Barriers of Market Entry

+357 96 030922
info@marketpublishers.com

3.5.3 Factors of Competition
3.6 Mergers & Acquisitions Activity

4 UNITED STATES VS CHINA VS REST OF WORLD (BY HEADQUARTER LOCATION)

4.1 United States VS China: Data Center Liquid Cooling Piping Components Revenue Comparison (by Headquarter Location)
4.1.1 United States VS China: Data Center Liquid Cooling Piping Components Revenue Comparison (2021 & 2025 & 2032) (by Headquarter Location)
4.1.2 United States VS China: Data Center Liquid Cooling Piping Components Revenue Market Share Comparison (2021 & 2025 & 2032)
4.2 United States Based Companies VS China Based Companies: Data Center Liquid Cooling Piping Components Consumption Value Comparison
4.2.1 United States VS China: Data Center Liquid Cooling Piping Components Consumption Value Comparison (2021 & 2025 & 2032)
4.2.2 United States VS China: Data Center Liquid Cooling Piping Components Consumption Value Market Share Comparison (2021 & 2025 & 2032)
4.3 United States Based Data Center Liquid Cooling Piping Components Companies and Market Share, 2021-2026
4.3.1 United States Based Data Center Liquid Cooling Piping Components Companies, Headquarters (States, Country)
4.3.2 United States Based Companies Data Center Liquid Cooling Piping Components Revenue, (2021-2026)
4.4 China Based Companies Data Center Liquid Cooling Piping Components Revenue and Market Share, 2021-2026
4.4.1 China Based Data Center Liquid Cooling Piping Components Companies, Company Headquarters (Province, Country)
4.4.2 China Based Companies Data Center Liquid Cooling Piping Components Revenue, (2021-2026)
4.5 Rest of World Based Data Center Liquid Cooling Piping Components Companies and Market Share, 2021-2026
4.5.1 Rest of World Based Data Center Liquid Cooling Piping Components Companies, Headquarters (Province, Country)
4.5.2 Rest of World Based Companies Data Center Liquid Cooling Piping Components Revenue (2021-2026)

5 MARKET ANALYSIS BY TYPE

+357 96 030922
info@marketpublishers.com

5.1 World Data Center Liquid Cooling Piping Components Market Size Overview by Type: 2021 VS 2025 VS 2032
5.2 Segment Introduction by Type
  5.2.1 Liquid Cooling Hose
  5.2.2 Quick Connectors
  5.2.3 Liquid Cooling Manifolds
  5.2.4 Others
5.3 Market Segment by Type
  5.3.1 World Data Center Liquid Cooling Piping Components Market Size by Type (2021-2026)
  5.3.2 World Data Center Liquid Cooling Piping Components Market Size by Type (2027-2032)
  5.3.3 World Data Center Liquid Cooling Piping Components Market Size Market Share by Type (2027-2032)

6 MARKET ANALYSIS BY LIQUID COOLING STRUCTURES

6.1 World Data Center Liquid Cooling Piping Components Market Size Overview by Liquid Cooling Structures: 2021 VS 2025 VS 2032
6.2 Segment Introduction by Liquid Cooling Structures
  6.2.1 Cold Plate Liquid Cooling
  6.2.2 Immersion Liquid Cooling
  6.2.3 Rack-Level Liquid Cooling
6.3 Market Segment by Liquid Cooling Structures
  6.3.1 World Data Center Liquid Cooling Piping Components Market Size by Liquid Cooling Structures (2021-2026)
  6.3.2 World Data Center Liquid Cooling Piping Components Market Size by Liquid Cooling Structures (2027-2032)
  6.3.3 World Data Center Liquid Cooling Piping Components Market Size Market Share by Liquid Cooling Structures (2027-2032)

7 MARKET ANALYSIS BY APPLICATION

7.1 World Data Center Liquid Cooling Piping Components Market Size Overview by Application: 2021 VS 2025 VS 2032
7.2 Segment Introduction by Application
  7.2.1 Internet
  7.2.2 Telecommunications
  7.2.3 Government

+357 96 030922
info@marketpublishers.com

7.2.4 Healthcare
7.2.5 Other
7.3 Market Segment by Application
7.3.1 World Data Center Liquid Cooling Piping Components Market Size by Application (2021-2026)
7.3.2 World Data Center Liquid Cooling Piping Components Market Size by Application (2027-2032)
7.3.3 World Data Center Liquid Cooling Piping Components Market Size Market Share by Application (2021-2032)

8 COMPANY PROFILES

8.1 Nitto Kohki
8.1.1 Nitto Kohki Details
8.1.2 Nitto Kohki Major Business
8.1.3 Nitto Kohki Data Center Liquid Cooling Piping Components Product and Services
8.1.4 Nitto Kohki Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.1.5 Nitto Kohki Recent Developments/Updates
8.1.6 Nitto Kohki Competitive Strengths & Weaknesses
8.2 Stäubli
8.2.1 Stäubli Details
8.2.2 Stäubli Major Business
8.2.3 Stäubli Data Center Liquid Cooling Piping Components Product and Services
8.2.4 Stäubli Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.2.5 Stäubli Recent Developments/Updates
8.2.6 Stäubli Competitive Strengths & Weaknesses
8.3 Vertiv
8.3.1 Vertiv Details
8.3.2 Vertiv Major Business
8.3.3 Vertiv Data Center Liquid Cooling Piping Components Product and Services
8.3.4 Vertiv Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.3.5 Vertiv Recent Developments/Updates
8.3.6 Vertiv Competitive Strengths & Weaknesses
8.4 nVent
8.4.1 nVent Details
8.4.2 nVent Major Business

+357 96 030922
info@marketpublishers.com

8.4.3 nVent Data Center Liquid Cooling Piping Components Product and Services
8.4.4 nVent Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.4.5 nVent Recent Developments/Updates
8.4.6 nVent Competitive Strengths & Weaknesses
8.5 Danfoss
8.5.1 Danfoss Details
8.5.2 Danfoss Major Business
8.5.3 Danfoss Data Center Liquid Cooling Piping Components Product and Services
8.5.4 Danfoss Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.5.5 Danfoss Recent Developments/Updates
8.5.6 Danfoss Competitive Strengths & Weaknesses
8.6 Parker Hannifin
8.6.1 Parker Hannifin Details
8.6.2 Parker Hannifin Major Business
8.6.3 Parker Hannifin Data Center Liquid Cooling Piping Components Product and Services
8.6.4 Parker Hannifin Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.6.5 Parker Hannifin Recent Developments/Updates
8.6.6 Parker Hannifin Competitive Strengths & Weaknesses
8.7 Gates
8.7.1 Gates Details
8.7.2 Gates Major Business
8.7.3 Gates Data Center Liquid Cooling Piping Components Product and Services
8.7.4 Gates Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.7.5 Gates Recent Developments/Updates
8.7.6 Gates Competitive Strengths & Weaknesses
8.8 Boyd Corporation
8.8.1 Boyd Corporation Details
8.8.2 Boyd Corporation Major Business
8.8.3 Boyd Corporation Data Center Liquid Cooling Piping Components Product and Services
8.8.4 Boyd Corporation Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.8.5 Boyd Corporation Recent Developments/Updates
8.8.6 Boyd Corporation Competitive Strengths & Weaknesses

+357 96 030922
info@marketpublishers.com

8.9 Colder Products Company
8.9.1 Colder Products Company Details
8.9.2 Colder Products Company Major Business
8.9.3 Colder Products Company Data Center Liquid Cooling Piping Components Product and Services
8.9.4 Colder Products Company Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.9.5 Colder Products Company Recent Developments/Updates
8.9.6 Colder Products Company Competitive Strengths & Weaknesses
8.10 Swagelok
8.10.1 Swagelok Details
8.10.2 Swagelok Major Business
8.10.3 Swagelok Data Center Liquid Cooling Piping Components Product and Services
8.10.4 Swagelok Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.10.5 Swagelok Recent Developments/Updates
8.10.6 Swagelok Competitive Strengths & Weaknesses
8.11 Auras
8.11.1 Auras Details
8.11.2 Auras Major Business
8.11.3 Auras Data Center Liquid Cooling Piping Components Product and Services
8.11.4 Auras Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.11.5 Auras Recent Developments/Updates
8.11.6 Auras Competitive Strengths & Weaknesses
8.12 Jonhon Optronic Technology Co., Ltd.
8.12.1 Jonhon Optronic Technology Co., Ltd. Details
8.12.2 Jonhon Optronic Technology Co., Ltd. Major Business
8.12.3 Jonhon Optronic Technology Co., Ltd. Data Center Liquid Cooling Piping Components Product and Services
8.12.4 Jonhon Optronic Technology Co., Ltd. Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.12.5 Jonhon Optronic Technology Co., Ltd. Recent Developments/Updates
8.12.6 Jonhon Optronic Technology Co., Ltd. Competitive Strengths & Weaknesses
8.13 Tongfei Co., Ltd.
8.13.1 Tongfei Co., Ltd. Details
8.13.2 Tongfei Co., Ltd. Major Business
8.13.3 Tongfei Co., Ltd. Data Center Liquid Cooling Piping Components Product and

+357 96 030922
info@marketpublishers.com

Services
8.13.4 Tongfei Co., Ltd. Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.13.5 Tongfei Co., Ltd. Recent Developments/Updates
8.13.6 Tongfei Co., Ltd. Competitive Strengths & Weaknesses
8.14 Remindore Technology
8.14.1 Remindore Technology Details
8.14.2 Remindore Technology Major Business
8.14.3 Remindore Technology Data Center Liquid Cooling Piping Components Product and Services
8.14.4 Remindore Technology Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.14.5 Remindore Technology Recent Developments/Updates
8.14.6 Remindore Technology Competitive Strengths & Weaknesses
8.15 Envicool Technology Co., Ltd.
8.15.1 Envicool Technology Co., Ltd. Details
8.15.2 Envicool Technology Co., Ltd. Major Business
8.15.3 Envicool Technology Co., Ltd. Data Center Liquid Cooling Piping Components Product and Services
8.15.4 Envicool Technology Co., Ltd. Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.15.5 Envicool Technology Co., Ltd. Recent Developments/Updates
8.15.6 Envicool Technology Co., Ltd. Competitive Strengths & Weaknesses
8.16 Yimikang Tech. Group Co., Ltd.
8.16.1 Yimikang Tech. Group Co., Ltd. Details
8.16.2 Yimikang Tech. Group Co., Ltd. Major Business
8.16.3 Yimikang Tech. Group Co., Ltd. Data Center Liquid Cooling Piping Components Product and Services
8.16.4 Yimikang Tech. Group Co., Ltd. Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.16.5 Yimikang Tech. Group Co., Ltd. Recent Developments/Updates
8.16.6 Yimikang Tech. Group Co., Ltd. Competitive Strengths & Weaknesses
8.17 Zhongding Group
8.17.1 Zhongding Group Details
8.17.2 Zhongding Group Major Business
8.17.3 Zhongding Group Data Center Liquid Cooling Piping Components Product and Services
8.17.4 Zhongding Group Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)

+357 96 030922
info@marketpublishers.com

8.17.5 Zhongding Group Recent Developments/Updates
8.17.6 Zhongding Group Competitive Strengths & Weaknesses
8.18 Guangzhou Goaland Energy Conservation Tech. Co., Ltd
8.18.1 Guangzhou Goaland Energy Conservation Tech. Co., Ltd Details
8.18.2 Guangzhou Goaland Energy Conservation Tech. Co., Ltd Major Business
8.18.3 Guangzhou Goaland Energy Conservation Tech. Co., Ltd Data Center Liquid Cooling Piping Components Product and Services
8.18.4 Guangzhou Goaland Energy Conservation Tech. Co., Ltd Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.18.5 Guangzhou Goaland Energy Conservation Tech. Co., Ltd Recent Developments/Updates
8.18.6 Guangzhou Goaland Energy Conservation Tech. Co., Ltd Competitive Strengths & Weaknesses
8.19 Shenzhen FRD Science & Technology Co., Ltd.
8.19.1 Shenzhen FRD Science & Technology Co., Ltd. Details
8.19.2 Shenzhen FRD Science & Technology Co., Ltd. Major Business
8.19.3 Shenzhen FRD Science & Technology Co., Ltd. Data Center Liquid Cooling Piping Components Product and Services
8.19.4 Shenzhen FRD Science & Technology Co., Ltd. Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.19.5 Shenzhen FRD Science & Technology Co., Ltd. Recent Developments/Updates
8.19.6 Shenzhen FRD Science & Technology Co., Ltd. Competitive Strengths & Weaknesses

9 INDUSTRY CHAIN ANALYSIS

9.1 Data Center Liquid Cooling Piping Components Industry Chain
9.2 Data Center Liquid Cooling Piping Components Upstream Analysis
9.3 Data Center Liquid Cooling Piping Components Midstream Analysis
9.4 Data Center Liquid Cooling Piping Components Downstream Analysis

10 RESEARCH FINDINGS AND CONCLUSION

11 APPENDIX

11.1 Methodology
11.2 Research Process and Data Source
11.3 Disclaimer

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. World Data Center Liquid Cooling Piping Components Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)
Table 2. World Data Center Liquid Cooling Piping Components Revenue by Region (2021-2026) & (USD Million), (by Headquarter Location)
Table 3. World Data Center Liquid Cooling Piping Components Revenue by Region (2027-2032) & (USD Million), (by Headquarter Location)
Table 4. World Data Center Liquid Cooling Piping Components Revenue Market Share by Region (2021-2026), (by Headquarter Location)
Table 5. World Data Center Liquid Cooling Piping Components Revenue Market Share by Region (2027-2032), (by Headquarter Location)
Table 6. Major Market Trends
Table 7. World Data Center Liquid Cooling Piping Components Consumption Value Growth Rate Forecast by Region (2021 & 2025 & 2032) & (USD Million)
Table 8. World Data Center Liquid Cooling Piping Components Consumption Value by Region (2021-2026) & (USD Million)
Table 9. World Data Center Liquid Cooling Piping Components Consumption Value Forecast by Region (2027-2032) & (USD Million)
Table 10. World Data Center Liquid Cooling Piping Components Revenue by Player (2021-2026) & (USD Million)
Table 11. Revenue Market Share of Key Data Center Liquid Cooling Piping Components Players in 2025
Table 12. World Data Center Liquid Cooling Piping Components Industry Rank of Major Player, Based on Revenue in 2025
Table 13. Global Data Center Liquid Cooling Piping Components Company Evaluation Quadrant
Table 14. Head Office of Key Data Center Liquid Cooling Piping Components Players
Table 15. Data Center Liquid Cooling Piping Components Market: Company Product Type Footprint
Table 16. Data Center Liquid Cooling Piping Components Market: Company Product Application Footprint
Table 17. Data Center Liquid Cooling Piping Components Mergers & Acquisitions Activity
Table 18. United States VS China Data Center Liquid Cooling Piping Components Revenue Comparison, (2021 & 2025 & 2032) & (USD Million)
Table 19. United States VS China Data Center Liquid Cooling Piping Components

+357 96 030922
info@marketpublishers.com

Consumption Value Comparison, (2021 & 2025 & 2032) & (USD Million)
Table 20. United States Based Data Center Liquid Cooling Piping Components Companies, Headquarters (States, Country)
Table 21. United States Based Companies Data Center Liquid Cooling Piping Components Revenue, (2021-2026) & (USD Million)
Table 22. United States Based Companies Data Center Liquid Cooling Piping Components Revenue Market Share (2021-2026)
Table 23. China Based Data Center Liquid Cooling Piping Components Companies, Headquarters (Province, Country)
Table 24. China Based Companies Data Center Liquid Cooling Piping Components Revenue, (2021-2026) & (USD Million)
Table 25. China Based Companies Data Center Liquid Cooling Piping Components Revenue Market Share (2021-2026)
Table 26. Rest of World Based Data Center Liquid Cooling Piping Components Companies, Headquarters (Province, Country)
Table 27. Rest of World Based Companies Data Center Liquid Cooling Piping Components Revenue (2021-2026) & (USD Million)
Table 28. Rest of World Based Companies Data Center Liquid Cooling Piping Components Revenue Market Share (2021-2026)
Table 29. World Data Center Liquid Cooling Piping Components Market Size by Type, (USD Million), 2021 & 2025 & 2032
Table 30. World Data Center Liquid Cooling Piping Components Market Size Value by Type (2021-2026) & (USD Million)
Table 31. World Data Center Liquid Cooling Piping Components Market Size by Type (2027-2032) & (USD Million)
Table 32. World Data Center Liquid Cooling Piping Components Market Size by Liquid Cooling Structures, (USD Million), 2021 & 2025 & 2032
Table 33. World Data Center Liquid Cooling Piping Components Market Size Value by Liquid Cooling Structures (2021-2026) & (USD Million)
Table 34. World Data Center Liquid Cooling Piping Components Market Size by Liquid Cooling Structures (2027-2032) & (USD Million)
Table 35. World Data Center Liquid Cooling Piping Components Market Size by Application, (USD Million), 2021 & 2025 & 2032
Table 36. World Data Center Liquid Cooling Piping Components Market Size by Application (2021-2026) & (USD Million)
Table 37. World Data Center Liquid Cooling Piping Components Market Size by Application (2027-2032) & (USD Million)
Table 38. Nitto Kohki Basic Information, Manufacturing Base and Competitors
Table 39. Nitto Kohki Major Business

+357 96 030922
info@marketpublishers.com

Table 40. Nitto Kohki Data Center Liquid Cooling Piping Components Product and Services
Table 41. Nitto Kohki Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 42. Nitto Kohki Recent Developments/Updates
Table 43. Nitto Kohki Competitive Strengths & Weaknesses
Table 44. Stäubli Basic Information, Manufacturing Base and Competitors
Table 45. Stäubli Major Business
Table 46. Stäubli Data Center Liquid Cooling Piping Components Product and Services
Table 47. Stäubli Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 48. Stäubli Recent Developments/Updates
Table 49. Stäubli Competitive Strengths & Weaknesses
Table 50. Vertiv Basic Information, Manufacturing Base and Competitors
Table 51. Vertiv Major Business
Table 52. Vertiv Data Center Liquid Cooling Piping Components Product and Services
Table 53. Vertiv Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 54. Vertiv Recent Developments/Updates
Table 55. Vertiv Competitive Strengths & Weaknesses
Table 56. nVent Basic Information, Manufacturing Base and Competitors
Table 57. nVent Major Business
Table 58. nVent Data Center Liquid Cooling Piping Components Product and Services
Table 59. nVent Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 60. nVent Recent Developments/Updates
Table 61. nVent Competitive Strengths & Weaknesses
Table 62. Danfoss Basic Information, Manufacturing Base and Competitors
Table 63. Danfoss Major Business
Table 64. Danfoss Data Center Liquid Cooling Piping Components Product and Services
Table 65. Danfoss Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 66. Danfoss Recent Developments/Updates
Table 67. Danfoss Competitive Strengths & Weaknesses
Table 68. Parker Hannifin Basic Information, Manufacturing Base and Competitors
Table 69. Parker Hannifin Major Business
Table 70. Parker Hannifin Data Center Liquid Cooling Piping Components Product and Services

+357 96 030922
info@marketpublishers.com

Table 71. Parker Hannifin Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 72. Parker Hannifin Recent Developments/Updates
Table 73. Parker Hannifin Competitive Strengths & Weaknesses
Table 74. Gates Basic Information, Manufacturing Base and Competitors
Table 75. Gates Major Business
Table 76. Gates Data Center Liquid Cooling Piping Components Product and Services
Table 77. Gates Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 78. Gates Recent Developments/Updates
Table 79. Gates Competitive Strengths & Weaknesses
Table 80. Boyd Corporation Basic Information, Manufacturing Base and Competitors
Table 81. Boyd Corporation Major Business
Table 82. Boyd Corporation Data Center Liquid Cooling Piping Components Product and Services
Table 83. Boyd Corporation Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 84. Boyd Corporation Recent Developments/Updates
Table 85. Boyd Corporation Competitive Strengths & Weaknesses
Table 86. Colder Products Company Basic Information, Manufacturing Base and Competitors
Table 87. Colder Products Company Major Business
Table 88. Colder Products Company Data Center Liquid Cooling Piping Components Product and Services
Table 89. Colder Products Company Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 90. Colder Products Company Recent Developments/Updates
Table 91. Colder Products Company Competitive Strengths & Weaknesses
Table 92. Swagelok Basic Information, Manufacturing Base and Competitors
Table 93. Swagelok Major Business
Table 94. Swagelok Data Center Liquid Cooling Piping Components Product and Services
Table 95. Swagelok Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 96. Swagelok Recent Developments/Updates
Table 97. Swagelok Competitive Strengths & Weaknesses
Table 98. Auras Basic Information, Manufacturing Base and Competitors
Table 99. Auras Major Business
Table 100. Auras Data Center Liquid Cooling Piping Components Product and Services

+357 96 030922
info@marketpublishers.com

Table 101. Auras Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 102. Auras Recent Developments/Updates
Table 103. Auras Competitive Strengths & Weaknesses
Table 104. Jonhon Optronic Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 105. Jonhon Optronic Technology Co., Ltd. Major Business
Table 106. Jonhon Optronic Technology Co., Ltd. Data Center Liquid Cooling Piping Components Product and Services
Table 107. Jonhon Optronic Technology Co., Ltd. Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 108. Jonhon Optronic Technology Co., Ltd. Recent Developments/Updates
Table 109. Jonhon Optronic Technology Co., Ltd. Competitive Strengths & Weaknesses
Table 110. Tongfei Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 111. Tongfei Co., Ltd. Major Business
Table 112. Tongfei Co., Ltd. Data Center Liquid Cooling Piping Components Product and Services
Table 113. Tongfei Co., Ltd. Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 114. Tongfei Co., Ltd. Recent Developments/Updates
Table 115. Tongfei Co., Ltd. Competitive Strengths & Weaknesses
Table 116. Remindore Technology Basic Information, Manufacturing Base and Competitors
Table 117. Remindore Technology Major Business
Table 118. Remindore Technology Data Center Liquid Cooling Piping Components Product and Services
Table 119. Remindore Technology Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 120. Remindore Technology Recent Developments/Updates
Table 121. Remindore Technology Competitive Strengths & Weaknesses
Table 122. Envicool Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 123. Envicool Technology Co., Ltd. Major Business
Table 124. Envicool Technology Co., Ltd. Data Center Liquid Cooling Piping Components Product and Services
Table 125. Envicool Technology Co., Ltd. Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 126. Envicool Technology Co., Ltd. Recent Developments/Updates
Table 127. Envicool Technology Co., Ltd. Competitive Strengths & Weaknesses

+357 96 030922
info@marketpublishers.com

Table 128. Yimikang Tech. Group Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 129. Yimikang Tech. Group Co., Ltd. Major Business
Table 130. Yimikang Tech. Group Co., Ltd. Data Center Liquid Cooling Piping Components Product and Services
Table 131. Yimikang Tech. Group Co., Ltd. Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 132. Yimikang Tech. Group Co., Ltd. Recent Developments/Updates
Table 133. Yimikang Tech. Group Co., Ltd. Competitive Strengths & Weaknesses
Table 134. Zhongding Group Basic Information, Manufacturing Base and Competitors
Table 135. Zhongding Group Major Business
Table 136. Zhongding Group Data Center Liquid Cooling Piping Components Product and Services
Table 137. Zhongding Group Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 138. Zhongding Group Recent Developments/Updates
Table 139. Zhongding Group Competitive Strengths & Weaknesses
Table 140. Guangzhou Goaland Energy Conservation Tech. Co., Ltd Basic Information, Manufacturing Base and Competitors
Table 141. Guangzhou Goaland Energy Conservation Tech. Co., Ltd Major Business
Table 142. Guangzhou Goaland Energy Conservation Tech. Co., Ltd Data Center Liquid Cooling Piping Components Product and Services
Table 143. Guangzhou Goaland Energy Conservation Tech. Co., Ltd Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 144. Guangzhou Goaland Energy Conservation Tech. Co., Ltd Recent Developments/Updates
Table 145. Guangzhou Goaland Energy Conservation Tech. Co., Ltd Competitive Strengths & Weaknesses
Table 146. Shenzhen FRD Science & Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 147. Shenzhen FRD Science & Technology Co., Ltd. Major Business
Table 148. Shenzhen FRD Science & Technology Co., Ltd. Data Center Liquid Cooling Piping Components Product and Services
Table 149. Shenzhen FRD Science & Technology Co., Ltd. Data Center Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 150. Shenzhen FRD Science & Technology Co., Ltd. Recent Developments/Updates

+357 96 030922
info@marketpublishers.com

Table 151. Shenzhen FRD Science & Technology Co., Ltd. Competitive Strengths & Weaknesses
Table 152. Global Key Players of Data Center Liquid Cooling Piping Components Upstream (Raw Materials)
Table 153. Global Data Center Liquid Cooling Piping Components Typical Customers

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Data Center Liquid Cooling Piping Components Picture
Figure 2. World Data Center Liquid Cooling Piping Components Total Revenue: 2021 & 2025 & 2032, (USD Million)
Figure 3. World Data Center Liquid Cooling Piping Components Total Revenue (2021-2032) & (USD Million)
Figure 4. World Data Center Liquid Cooling Piping Components Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)
Figure 5. World Data Center Liquid Cooling Piping Components Revenue Market Share by Region (2021-2032), (by Headquarter Location)
Figure 6. United States Based Company Data Center Liquid Cooling Piping Components Revenue (2021-2032) & (USD Million)
Figure 7. China Based Company Data Center Liquid Cooling Piping Components Revenue (2021-2032) & (USD Million)
Figure 8. Europe Based Company Data Center Liquid Cooling Piping Components Revenue (2021-2032) & (USD Million)
Figure 9. Japan Based Company Data Center Liquid Cooling Piping Components Revenue (2021-2032) & (USD Million)
Figure 10. South Korea Based Company Data Center Liquid Cooling Piping Components Revenue (2021-2032) & (USD Million)
Figure 11. ASEAN Based Company Data Center Liquid Cooling Piping Components Revenue (2021-2032) & (USD Million)
Figure 12. India Based Company Data Center Liquid Cooling Piping Components Revenue (2021-2032) & (USD Million)
Figure 13. Data Center Liquid Cooling Piping Components Market Drivers
Figure 14. Factors Affecting Demand
Figure 15. World Data Center Liquid Cooling Piping Components Consumption Value (2021-2032) & (USD Million)
Figure 16. World Data Center Liquid Cooling Piping Components Consumption Value Market Share by Region (2021-2032)
Figure 17. United States Data Center Liquid Cooling Piping Components Consumption Value (2021-2032) & (USD Million)
Figure 18. China Data Center Liquid Cooling Piping Components Consumption Value (2021-2032) & (USD Million)
Figure 19. Europe Data Center Liquid Cooling Piping Components Consumption Value (2021-2032) & (USD Million)

+357 96 030922
info@marketpublishers.com

Figure 20. Japan Data Center Liquid Cooling Piping Components Consumption Value (2021-2032) & (USD Million)
Figure 21. South Korea Data Center Liquid Cooling Piping Components Consumption Value (2021-2032) & (USD Million)
Figure 22. ASEAN Data Center Liquid Cooling Piping Components Consumption Value (2021-2032) & (USD Million)
Figure 23. India Data Center Liquid Cooling Piping Components Consumption Value (2021-2032) & (USD Million)
Figure 24. Producer Shipments of Data Center Liquid Cooling Piping Components by Player Revenue ($MM) and Market Share (%): 2025
Figure 25. Global Four-firm Concentration Ratios (CR4) for Data Center Liquid Cooling Piping Components Markets in 2025
Figure 26. Global Four-firm Concentration Ratios (CR8) for Data Center Liquid Cooling Piping Components Markets in 2025
Figure 27. United States VS China: Data Center Liquid Cooling Piping Components Revenue Market Share Comparison (2021 & 2025 & 2032)
Figure 28. United States VS China: Data Center Liquid Cooling Piping Components Consumption Value Market Share Comparison (2021 & 2025 & 2032)
Figure 29. World Data Center Liquid Cooling Piping Components Market Size by Type, (USD Million), 2021 & 2025 & 2032
Figure 30. World Data Center Liquid Cooling Piping Components Market Size Market Share by Type in 2025
Figure 31. Liquid Cooling Hose
Figure 32. Quick Connectors
Figure 33. Liquid Cooling Manifolds
Figure 34. Others
Figure 35. World Data Center Liquid Cooling Piping Components Market Size Market Share by Type (2021-2032)
Figure 36. World Data Center Liquid Cooling Piping Components Market Size by Liquid Cooling Structures, (USD Million), 2021 & 2025 & 2032
Figure 37. World Data Center Liquid Cooling Piping Components Market Size Market Share by Liquid Cooling Structures in 2025
Figure 38. Cold Plate Liquid Cooling
Figure 39. Immersion Liquid Cooling
Figure 40. Rack-Level Liquid Cooling
Figure 41. World Data Center Liquid Cooling Piping Components Market Size Market Share by Liquid Cooling Structures (2021-2032)
Figure 42. World Data Center Liquid Cooling Piping Components Market Size by Application, (USD Million), 2021 & 2025 & 2032

+357 96 030922
info@marketpublishers.com

Figure 43. World Data Center Liquid Cooling Piping Components Market Size Market Share by Application in 2025
Figure 44. Internet
Figure 45. Telecommunications
Figure 46. Government
Figure 47. Healthcare
Figure 48. Other
Figure 49. World Data Center Liquid Cooling Piping Components Market Size Market Share by Application (2021-2032)
Figure 50. Data Center Liquid Cooling Piping Components Industrial Chain
Figure 51. Methodology
Figure 52. Research Process and Data Source

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Data Center Liquid Cooling Piping Components Supply, Demand and Key Producers, 2026-2032

Product link: https://marketpublishers.com/r/G2B7E8C42A84EN.html

Price: US$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G2B7E8C42A84EN.html