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# Global Liquid Cooling Loop Fluid Management Components for Data Center Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Liquid Cooling Loop Fluid Management Components for Data Center market size is expected to reach $ 2792 million by 2032, rising at a market growth of 23.4% CAGR during the forecast period (2026-2032).

Data-center liquid-cooling-loop fluid-management components are filters, circulation pumps and control valves installed inside a single-phase closed liquid-cooling system and directly exposed to water, water-glycol or dielectric coolant: filters remove metal particles, corrosion products and seal debris; pumps provide stable flow and pressure; and shut-off, check, bypass, proportional and multi-way valves provide isolation, routing and flow control, principally on the primary and secondary sides of coolant distribution units (CDUs), in technology cooling systems (TCSs), rack manifolds and cold-plate inlets. The value chain extends from upstream filter media, motors, magnets, bearings, seals, valve internals and actuators through component manufacturing and module integration to CDU and thermal-management suppliers, server OEMs, MEP contractors, cloud providers, colocation operators and enterprise AI/HPC customers. Product value is determined by flow capacity, filtration rating, pressure drop, coolant compatibility, leak resistance, redundancy and intelligent monitoring. The gross profit margin for precision data center components is approximately 25%–45%.

## Report Scope

This report studies the global Liquid Cooling Loop Fluid Management Components for Data Center demand, key companies, and key regions.

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

## Highlights and key features of the study

Global Liquid Cooling Loop Fluid Management Components for Data Center total market, 2021-2032, (USD Million)

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

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

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

Global Liquid Cooling Loop Fluid Management Components for Data Center total market by Type, CAGR, 2021-2032, (USD Million)

Global Liquid Cooling Loop Fluid Management Components for Data Center total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major players in the global Liquid Cooling Loop Fluid Management Components for Data Center 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 Bosch, DENSO, Continental, Aisin, Eaton, Parker Hannifin, Valeo, MAHLE, BorgWarner, Rheinmetall, etc.

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

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Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the world Liquid Cooling Loop Fluid Management Components for Data Center 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.

### Global Liquid Cooling Loop Fluid Management Components for Data Center Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Market Segmentation

### Global Liquid Cooling Loop Fluid Management Components for Data Center Market, Segmentation by Type:

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Filter

Circulation Pump

Control Valve

## Global Liquid Cooling Loop Fluid Management Components for Data Center Market, Segmentation by Product Level:

Component Level

Part Level

System Level

## Global Liquid Cooling Loop Fluid Management Components for Data Center Market, Segmentation by Application:

Hyperscale Cloud/AI Vendors

Managed Data Centers

Enterprise/HPC/Research Computing

Other

# Companies Profiled:

Bosch

DENSO

Continental

Aisin

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Eaton

Parker Hannifin

Valeo

MAHLE

BorgWarner

Rheinmetall

Hanon Systems

HYDAC

Donaldson

Sanhua

TOUPU

Yinlun Machinery

Zhongding Group

Feilong Auto Components

Johnson Electric Holdings

## Key Questions Answered

1. How big is the global Liquid Cooling Loop Fluid Management Components for Data Center market?
2. What is the demand of the global Liquid Cooling Loop Fluid Management Components for Data Center market?
3. What is the year over year growth of the global Liquid Cooling Loop Fluid

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Management Components for Data Center market?
4. What is the total value of the global Liquid Cooling Loop Fluid Management Components for Data Center market?
5. Who are the Major Players in the global Liquid Cooling Loop Fluid Management Components for Data Center market?
6. What are the growth factors driving the market demand?

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